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"LIMITED SURFACE OBSERVATIONS" CLIMATIC SUMMARY 1130CS"

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FOR THE COMMANDER

Wayne E. M. Collon WAYNE E. MCCOLLOM

Chief, Document Research Section USAFETAC/LDX

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Summaries; and PART F, Pressure Summaries. Note that PART B, Precipitation, is omitted. See USAFETAC/TN-83/001 (AD-A132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWOs), for complete descriptions of contents and instructions for use. -

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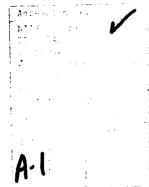
18. Subject terms cont.

winds precepitation temperature visibility barometric pressure relative humidity sky cover psychrometric data ceiling

Limited Surface Observations Climatic Summary LISOCS

DAKAR SENEGAL SG 616410 The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.





OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARIES (LISOCS)

DEFINITION: A RUSSWO-like set of summaries of hourly observations for the station's normal operating hours.

Hourly Observations: Those record or record-special observations recorded at established hourly intervals.

General Comments:

- 1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.
- 2. A brief description preceeds each summary.
- 3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.
- 4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.
 - 5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents: AWS Form 2 "Station History"

Part 1: Weather Conditions

Part 2: Surface Winds

Part 3: Ceiling Versus Visibility; Sky Cover

Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures;

Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity

Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

> 0000-0200 1200-1400 0300-0500 1500-1700 0600-0800 1800-2000 0900-1100 2100-2300

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

THIS LISOCS WAS PRODUCED USING DATA OBTAINED FROM INDIGENOUS OBSERVATIONS TRANS-MITTED OVER WEATHER COMMUNICATION NETWORKS. FORM 10/10A (OR THEIR EQUIVALENT) WERE NOT AVAILABLE TO CHECK DATA ACCURACY. HOWEVER, INTER AND INTRA OBSERVA-TIONAL CONTINUITY AND CONSISTENCY CHECKS WERE CONDUCTED BY PROCESSING THE DATA THROUGH OUR AUTOMATED QUALITY ASSURANCE PROCEDURES. THESE SUMMARIES ARE CON-SIDERED ACCURATE AND REPRESENTATIVE WITHIN DATA AVAILABILITY LIMITATIONS.

THE AVAILABLE DATA FOR SUMMARIZATION CONSISTED ONLY OF 3-HOURLY SYNOPTIC OBSERVATIONS, I.E., 00, 03, 06, 09, 12, 15, 18, 21. THEREFORE, THE 3-HOURLY TIME GROUP CONSISTS OF ONE OBSERVATION ONLY, E.G., THE 00-02 LST TIME GROUP CONTAINS ONLY THE AVAILABLE OO LST OBSERVATION. THESE SUMMARIES, THEREFORE, ARE BASED ON MUCH LOWER THAN NORMAL OBSERVATION COUNTS. NOTE THAT OBSERVATION COUNTS LESS THAN 310 IN ANY TIME GROUP INDICATE MISSING OBSERVATIONS. ALL USERS MUST CAREFULLY CONSIDER THESE OBSERVATION COUNTS WHEN USING THE SUMMARIZED DATA TO ARRIVE AT MEANINGFUL AND REPRESENTASTIVE CONCLUSIONS.

NO EXTREME DATA IS INCLUDED IN THIS LISUCS BECAUSE:

NO FORMS 10/10A WERE AVAILABLE TO OBTAIN THIS DATA.

SUMMARY OF DAY DATA IS NOT TRANSMITTED OVER THE WEATHER COMMUNICATIONS NETWORK.

WITH ONLY 3-HOURLY OBSERVATIONS AVAILABLE FOR SUMMARIZATION, THE HOURLY OBSERVATIONS COULD NOT BE USED TO EXTRACT EXTREME VALUES.

WE RECOMMEND THAT THESE SUMMARIES NOT BE GIVEN TO CUSTOMERS WITHOUT INTERPRETATION BY A METEOROLOGIST.

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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

WEATHER CONDITIONS

PART 1

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

Thunderstorms -- All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle--All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) -- Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) -- Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

Percentage of observations with precipitation—Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentage of the observations with precip.

Fog--Included are fog, ice fog, and ground fog.

Smoke and/or haze -- Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow--Occurrences of blowing snow.

Dust and/or sand--Included are blowing dust, blowing sand, and dust.

Blowing spray--This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision-Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

Continued on Reverse

NOTE: 1. For METAR stations beginning Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily effects the obstruction to vision columns but may also have minor effects on the precipitation columns.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .05 percent.

GLEMAL CLIMATOLOGY BRANCH UNAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

SURFACE WINDS

PART 2

Presented in this part are various tabulations of surface winds as follows:

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

These tables are prepared for all years combined, by month by available 3-hour groups.

A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

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SECHAL CLIMATOLOGY MRANCH US ASTRONO AIR MEATHER SERVICE/MAC

WEATHER CONDITIONS

TAKAR SENEGAL STATION NAME 61641 STATION ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

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WEATHER CONDITIONS

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STATION NAME YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	N OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
D C	0-5.		.4				 	18.4	15.6		4	. 33.9 .	495
	0 <-05	İ	• 5				•5	24.3	19.9	•	2.1	45.5	382
	6- <u>D</u> .	· · · · ·	<u>•8</u>		<u> </u>		8	18.9	19.5	į .	1.0	39.1	481
	11	ļ	• 2				•2	6.0	32.3	.	1.4	38.8	430
	12-14	• -•		! ! 			· • · •	• 2	35.0	· ·	1.3	36.3	471
	15-17						·		35.1		1.4	36.3	441
	18-2				·			3.0	31.5	· - · - · - ·	.4	34.8	492
	. 1-23	. 	5	ļ 			.5	9.6	27.4			37.0	387
		! !	·	ļ 	!								
		 	· 	ļ +			<u> </u>						
			! !							: •		•	
TOTALS			• 3				• 3	10.1	27.Ú		1.0	37.7	3579

USAFETAC $\frac{RORM}{JULY.04} = 0.10$ 5(OL. A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GELRAE CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEZMAC

WEATHER CONDITIONS

6:6410 DAKAR SENEGAL 75-84 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	₹ OF OBS WITH OBST TO VISION	TOTAL NO OF CBS.
Nux¥	0-02	÷	4				-4	8.7	3.9			. 12.6 .	461
		•	·— —					11.1	4.1			15.2	389
	. 611.		<u>• 4</u>				.4	10.9	6.1	· 		17.0	458
	<u>1 1 1</u>		5				•5	2.4	13.7	· · · · · · · · · · · · · · · · · · ·		16-1	410
	12-14	·	.4				.4		12.8		2_	13.0	468
	15-17	•	•2				•2		14.2		•,7,	14.9.	402
	,15 <u>-2</u> 6	•2	4	!		2	.7	•2	13.6			13.8	455
	21-2	. 3	• 5	<u> </u>				3.5	8.6		. 3	12.4	370
			i •				ļ					. ,	
		! •					·					, ,	
	+		ļ 				<u> </u>		· 				
	·								-			•	
TOTALS	<u> </u>	-1	.4			•0	.4	4.6	9.6	·	• 2	14.4	3413

USAFETAC JULY 54 0-10-5 (QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLURAL CLIMATOLOGY BRANCH USAFETAC AIN WEATHER SERVICE/MAC

WEATHER CONDITIONS

6 1 6 4 1	DAKAR SENEGAL STATION NAME	7.5-84	OCI
STATION		YEARS	MONTH
	***************************************	, roug	

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтисм	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	S OF OBS WITH OBS: TO VISION	TOTAL NO OF OBS
.0	.00-0	2	8				-8	6.8	7.6			. 14-2 .	487
=		1.5	1.7	ļ ·			1.7	11.8	7.4	· !		19.0	406
÷	0 <u>6-05</u>	4	1.6				1.6	13.2	3.8	: •		. 17.0	500
	, <u>, , , - 1 1</u>	•	2.1				. 2.1 .	4.4	13.8			. 17.6	427
	12-14	<u> </u>	1.2				. 1.2	· · · · · · · ·	. 15.3	•		. 15.5	491
	.15=17	2.		· · · · · · · · · · · · · · · · · ·			<u> </u>		16.7	· ·		. 17.1.	444
	1=+26	6	•8	· · •		-	8	1.2	12.8	•		. 14.0.	492
	.21-23	5		· · · · · · · · · · ·			7	4.5	10.9	· - · ·		. 15.4.	403
		·		· ··· 	·					·			· · · <u>-</u>
	·•·	•	, 							· ·			
· -	· •				:				 	·		• •	
) • • • • • • • • • • • • • • • • • • •				-						+	
TOTALS	i	- 5	1.2				1.2	5.3	11.6	·	1	16.2	3650

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

616413 _	JAKAK SENEGAL	7 <u>5-84</u>	ZEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF O8S WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING	AND: OR	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
P	<u>-0-0</u>	3.2	3.6		_		3.6	2.1	1.5	1		3.6	468
_	.03-05	2.4	3.5			. 3	3.7	3.5	2.7			6.1	374
	_66 <u>−0</u> 8	1.9	5.8				5.8	4.9	1.1			5.8	465
		1.2	3.3				3.3	2.9	5.5			. 7.6	421
	12-14	1.5	3.7				3.7	•2	5.8			6.0	964
	15-17	1.2	1.6				1.6	•2	4.2	ļ 		4.4	433
	19-72	2.8	3.2	<u> </u>			3.2	•6	4.1	!		4.7	466
	; 1-23	2.5	3.5			2	3.7	1.0	2.7	ļ	2	4.0	902
	•		<u> </u>						: •	1 1	·		
		<u> </u> 	! • 									· i	
					i				 			1 1	
TOTALS		2.1	3.5				3-6	1.9	3.5		•U	5.3	3493

USAFETAC $\frac{\text{FORM}}{\text{JULY 64}} = 0.10.5 (\text{OL} - \text{Å})$, previous editions of this form are obsolete

GLUSAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

6 16410 JAKAR SENEGAL 75-84 YEARS MANTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING	AND OR	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
ــــــــــــــــــــــــــــــــــــــ	! -0-02	! 2-1	5.2				5.2	6-				6	484
	<u>3-05</u>	- 9	1.8				1-8	_1.1_		<u> </u>		1.1	437
	६-೧ ३	1.8	5.5				5.5	.8	•2			. 1.0	489
	u9-11	<u> </u>	2.2				2.2		1-0			1.0	413
	12-14	2_	5.3		·		5.3		8	ļ 		8	476
	15-17	2.6	3.7				3.7		7	<u> </u>			428
	18-20	3.3	2.5				2.5		6	<u> </u>	2	8	479
	21-23	3.8	5.0				5.0		!			 	418
	·	ļ								!		+	
	·		ļ				· .		·				
	ļ								·	-		· · · · · · · · · · · · · · · · · · ·	
	 								ļ <u>-</u>	+			
TOTALS	1	1.9	3.9				3.9	_ 3	- 4		0		3624

USAFETAC $\frac{RORM}{JULY.64}$ 0-10-5(QL. A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLURAL CLIMATOLOGY REANCH USAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

61641.	JAKAR SENEGAL STATION NAME	7.5-84 YEARS	- HOLE
STATION	STATION NAME	TEAKS	MONT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

мочтн	HOURS LST-	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & . OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING		% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
البال	.40-04.	-1-6	2_4				2.4	1.4	2			. 1.6	500
	/-D>.	1.5.	1.8				1.8	9_		<u></u>	! ! •	. 9	435
	.un-(i	1.2.	4.4				4.4	1.4	ļ 		<u> </u>	1.4	497
	129-11.	. 2.	2.0	•			2.0	4	9		2	1.5	452
	12-14.	. ليعا	1.6		!	· · · · · ·	1.6		_1.6			1.6	492
	.1"-17.	•7.	1.3	·· ···· -			1.3		9	· •	·	. 9	451
	.1°-20.	1=4.	3.0	• +			3.0	.2	1.0		2	1.4.	496
	.21-23.	± 2.	2.4.	•		2	2.6	9	4			1.3	455
				• -			i						
						-	·		 -	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
		1		·	; 							<u> </u>	
													
TOTALS		1.2	2.4			-0	2.4	. 7	-6		-1	1.3	3778

USAFETAC $\frac{PORM}{1047.64}$ 0.10-5(QL, Δ), previous editions of this form are obsolete

GLUFAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

WEATHER CONDITIONS

JAKAR SENEGAL STATION NAME 6 16410

75-84

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND: OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
. بدل د	. <u>.n-0</u> 2		1-5		_		1.6	3.8	3-8	1		7.7.	443
	.ua-05		1.7				1.7	5.0	4.7			9.8	358
	.u 6 -C.a		9_				9	6.6	3-4			9.8	438
	.2 <u>9-11</u>						.3	1.8	8.1			9.9.	384
	.12-14	2	2	+			- =		7-1			7.1	948
	15-17	 	5_	- -	-		-5		10.3			10-3	387
	18-2:	! !	2				-2	7	8.9			9.6	429
	21 <i>-</i> 23	-7	1.2				1.2	3.0	5.7		· 	8.2	402
					!								
												·	
-	ļ		 			-	-					·	
TOTALS	t	ļ											
		1 2		<u> </u>				2.6	6.5			9-11	3289

USAFETAC HOLF 64 0 10 5: OL A , PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GEOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

o lostila	DAKAR SENEGAL STATION NAME	76-85 YEARS	MAY MONTH
P TO STATION	STATION NAME		- MON

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LS.T):	THUNDER- STORMS	RAIN AND: OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND: OR HAZE	BLOWING	DUST AND OR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
- HAY	0-02 .	-						17.3	12.5			29.4	504
	13-65	t	2				•2	25.3	8.1			33.0	443
	.u <u>6-03</u>	· ·		}				25.1	7.7	<u></u>		31.8	494
	00-11	i +	2				.2	4.6	22.1	<u> </u>		. 26.7.	439
	12-14	· ·	<u> </u>	<u> </u>					24.7	· •	2	. 24.9 .	493
	.15-17.	ļ	·					4	24.7		2	. 25.3.	458
	15-20	ļ						1.8	26.3			28.1	494
	.21-23		2				2	11-1	18.9	-		. 29.6.	449
	•	ļ								!		• •	
													
	 											•— -— - • ·	-
TOTALS			. 1					10.7	18-1			28.6	3774

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOEAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

WEATHER CONDITIONS

6 1 6 4 1 UAKAR SENEGAL TEATION NAME TEATS YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & / OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW		& OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR.	00-0-							26.2	9.2			34.9	478
	<u>3-05</u>	: 	2				.2	35.7	7.9		. — - —	43.6	406
	06 - 05	: •	·	-			-	34.2	7.3	<u></u>	.	. 41.3.	465
	<u>119-11</u>	<u> </u>	-				ļ	8.6	16.6	!	• • • • •	25.0	428
	12-14	·		-				-2	22.7		2	. 23.1	454
	15-17	: 							25.2	+	•2	25.5.	436
	.18-20	<u> </u>						4.3	24.8			29.2.	463
	.21 -23		2		Ì		-2	15-0	13.5	ļ		_28.5.	414
-											· · - i	•	
	· · · · · · · · · · · · · · · · · · ·												
	1									!		•	
TOTALS	<u> </u>	<u> </u>						15.5	15.9	<u> </u>	-1	31-4	3544

USAFETAC FORM JULY 64 0-10-5(OL. A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUPAL CLIMATOLOGY REANCH USAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

616410	JAKAR SENEGAL	76-85	- MAR -
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

ніисм	HOURS -LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	& OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
Ma.c.	.00-0.			1				20.9	18-5	1		. 39.0.	487
	.u3=0±	 	 					27.0	15.4		<u> </u>	41.3	429
	£ <u>=0</u> .=.	2 .						30.1	11.7		2	_41.8.	. 479
	2-11		_1	+			. 7	9.4	23.9			33.1	426
	.12-14		ļ •					4	35.9	·		. 36.3.	465
	.15-17	; 	!	-					33.0	! • —		33.4	437
	10-2.	 	.2		!		-2	4.8	34.0	· ·	2	39.0	479
	. 21-23	5_	1.0				1.0	9.3	27.3	<u> </u>		. 36=6.	410
-	· · - · · -	 	! !							·	··		
							<u> </u>						
		 	·	-									
TOTALS		_ 2	. 2				-2	12.7	25-0			37.6	3612

USAFFTAC FORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOHAL CLIMATOLOGY RRANCH USAFETAC AIR BEATHER SERVICE/HAC CBURG CRIM GLASSM MOLITOSKIC CALM SCARSING OF SOMSKUDDO OF MOMENTS SCARMAGES OF STANDARD OF SCARMAN MORE

STATION NUMBER: 616417 STATION NAME: DAKAR SENEGAL

PERTOO OF RECORD: 75-35 COEC-COOL (1812)64

 DIRECTION	r-3	4-6	7-13	11-16	17-21		14 (V)15	34-43	41-47	49-55	30 35	TOTAL	464 v -
COFUR;ES)													CVI
٧	.6	ι.O	11.5	3.9					•••••	• • • • • • • •		22.0	3.3
 NVE			19.6	9.3	. 9							33.7	7.9 _
NF	-4	1.7	17.7	6.0	. 5	• 2						25.7	13.3
ENE	• 2	2+1	4 - 1	1.5	• 2							3.1	3+5
 			• 6	2								1.7	7.1 .
FSF			• ?	. •2								.4	13.3
SE													
 SSE													_
 s				:									
, 55 W.				:									
 SW										-			
nzh		• 2		i								• 5	5.0
				ı									
 uNu		;		+									
NW		•2	. 4									. 5	7.7
444		1.3	1.7	,1 - 3								4.3	3.5
 VARIABLE	· • • • • • • • • • • • • • • • • • • •		:::::::			• • • • • • •	• • • • • • • •	• • • • • • •	••••••	••••	••••	••••••	· · · · · · · · <u>· · ·</u>
CALM	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	2,1	111111
TOTALS	l 1.7	16.4	55.9	22.3	1.7	•?						133.3	7.1

GLUBAL CLIMATOLOGY RRANCH USAFETAC AIR WEATHER SERVICE/MAC COSE CONTR. AUGRALA MONTOSPRIC CONTR. CAPARLA PO BONDSPUDO PO MONGUESPA BOATMAGESPA CONTINUADA CAPARDA MONTA MONTA PORTA
STATION NUMBER: 616413 STATION WATE: DAKAR SENESAL L PERIOD OF RECORD: 76-95 MOVTH: UAU - 1121) 27-1100 4143 25-51 14 44312 7 55-51 58-33 34-43 4 E 4 4 C V I W DIRECTION TOTAL 7.5 5.5 15.4 16.7 2.2 29.5 NYE 1.0 9.5 12-1 NE 1.7 31.3 ENE 3.3 . 2 9.5 5.5 13.5 4 . 2 9.7 ESE 1.0 13.3 ۶f 3.3 s 554 13.3 CALM 1.3 ////// TOTALS 133.3 11.1

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF SCHORESCHOOL OF SURFACE ANNO DERCTION ARRESTS AND SPEED USAFETAC.

-	AIR WEATHER SE	RVICE/MAC		LEGA GOISTA DESERVATIONS													
	STATION NUMBER	8: 616413	STATION	NAME: DAKAR SCHLIGE						PERIOD OF RECOR): 76-35 MOVTH: VAL							
	= DIRECTION (DESREES)		4 - 6	7-13	11-16			IV 4401 29-33		41-47	48-55	3E 56	TOTAL	VAEN CVIN	****		
	Ŋ	.?		5.2	16.7	1.7	• • • • • • •	•••••	• • • • • • •		• • • • • • • •		24.5	12.5	••••		
	NVE	4	1.1	9.1	3 1 - 3	5 • 9	• 2						43.9	12.3			
	NE		• 2	5.1	11.1	1.1	. ?						17.7	12.4			
	ENE		. 4	1.7	1.3	• 2							3.5	13.5			
	<u>.</u> <u></u>	2 .	2	2.6	3.9								5.3	13.6			
	ESE		• 2	. 9	1.3								2.3	11.2			
	SE			. 4									. 4				
	. <u>ssf</u>																
	١.																
	55#																
	<u></u>																
	WSw																
	•																
	MAM		2										• 5	5 . ģ			
	NW.			. 4	• 2								. 6	9.7			
	NNW		. 4	1.1	1.5								3.3	13.4			
	- TARIABLE	· 						•••••	• • • • • • •	•••••	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	12.3	::::: -		
	I	i ////////////////////////////////////	1111111	.,,,,,,,	,,,,,,,,,		,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,		111111			
	TOTALS	.9											100.0	12.2			

GLOBAL CLIMATOLOGY BRANCH PERSENTAGE FREQUENCY OF OCCURRENCE OF SURFACE AINO DIRECTION VERSUS AINO SPECIAL USAFETAG.......

•	AIR WEATHER SE	SERVICE MAC 13325 ANNILLAR																
	STATION NUMBER	8: 616413	STATION	SPAF:	SE PANAC	NESAL				OCIF29 :HTVCF]: 75 43JR5FLS	-35 1503-	733				
		· · · · · · · · · · · · · · · · · · ·	• • • • • • •	• • • • • • • •	• • • • • • • •		NO SPEED			• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • •	• • • • •			
	DIRECTIÓN Ideuries)		4-ь	7-10	11-10			29-33	34-43	41-47			TOTAL	4574				
	٧	- ?	1.9	7.2	35.5	3.3	. 5	• • • • • • • •	• • • • • •	• • • • • • • •			57.5	13-1	• • • • •			
	N <u>\</u> E		1:2	9 + 6	13-2	4 - 1	• 5						27.9	12.9				
	WE		1.0	1 - 4	1.2	• 2							3.8	7.8				
	ENE																	
			. +?	. 5	•1								1,4	7,3	·			
	ESE		•?	÷ 2	• 5								.7	7.3				
	SE			• ?		ı							•?	3.0				
	\$\$ <u>E</u>			2		1							• ?	3,0	- ~			
	s					Ì												
	85#		• 2			!							• ?	5.0				
				:?.				-	÷		-		• ?	13.3				
	454				;													
	•		• 2		i								•?	4.3				
			5		•3								,1	5.3				
	40	i i	1,4	1 • 2	.7								3.3	3.4				
	NNH		1.2	4.3	4.3	• 2							13.3	13.3				
	- J. GATFAV		******	• • • • • • • • • • • • • • • • • • • •		::::::	• • • • • • • •				••••••	• • • • • • •	•••••		••••			
	CALM	,,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,,	//////	,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	• 5	,,,,,,				
	TOTALS	• 2	8.1	24.1	56.9	9.9	.1						100.0	15.3				
		!																

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC UBISE CHIN ELERBN MCITCIPTIC CHIN BEAFFLESC DE SOMBFREGO DE YONBLESFR BEAFFLESCE UNINCH MORF

PERIOD OF RECORD: 75-95 MONTH: URV MOURS(LST): 1807-2000 STATION NUMBER: 616410 STATION NAME: DAKAR SENESAL DIRECTION 1-3 4-6 7-13 11-16 17-21 22-27 28-33 34-40 DIRECTION | TOEUREEST | 464 V 6 V I W N | 26.3 47.1 11.2 12.3 . . 11.2 - 5 .2___1.? 25.5 11.3 ... NE 1.1 ENE . ? 11.0 5.3 • 5 14.3 SE . 2 15.3 _5 S <u>E</u> 5 ŞSW 23.3 WSW .? • 2 2.3 ... 48 1.0 2.1 3.1 7.6 . 133.3 17.3

TOTAL NUMBER OF OBSERVATIONS:

-1 July 45 5 7

GLOBAL CLIMATOLOGY BRANCH ESDEMINATE ESCRIPTION OF DECORSING: DE SASEMATIONS (1977) AIRCUTO SECULO DIRECTION AESCAS AINO SECULO (1977).

•	ATR WEATHER SI	ERVĪCE/MĀS		LADA ADDATA DOSTARNITAD											
	STATION NUMBER	R: 61541)	STATION	N44E:	SE SEARC	MÉSAL				PERIOD:): 75 4)JRS(LS	,73-35 T): 2103-	2300	-
	JIRECTION (DESPIES)		4 - 6	7-13	11-16		22-27 22-27			41~47	48-55	5E 55	TOTAL	#24. (V)	
	٧	1.3	5 - 8	19.4	9.3	. 3	•••••	• • • • • • • •			• • • • • • • • •	•••••	35.1	3.9	• • • • •
	NNE _		. 5,4	24.7	13,6	. 5							39.0	7.9	
	٧E	i I	. 3	3.9	1.5								5.5	9.4	
	E NE	-3	. 5	1.5									? • 1	5.4	
	t	<u> </u>	3	• !									.5	5.5	
	ESF	!													
	3£	i I													
	27E		. – .		2										
	s	 													
	SSW	! !													
	#5 H	!													
	•	!	.5										• 5	5.3	
	<u>Kin</u>	·	1:3										1.0	5.0	
	NW.	!		1.0									1.5	7.0	
	NAR	i	3.1	4.7	2 • 3								13.1	3.4	
	SIGNIEN		,	*******	******	******	•••••	•••••			• • • • • • •	• • • • • • • •	••••••	•••••	•=••••
	CALM		,,,,,,,	,,,,,,,	1111111	1111111	///////	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	4.7	,,,,,,	
	TOTALS	1.6	16.4	24.3	55.6	. 5							133.3	3.7	
		· • • • • • • • • • • • • • • • • • • •													

PERFECTION RELEASE FREQUENCY OF DECURRENCE OF SURFACE AIND DIRECTION ARREAS AIND SPEED. ULOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

		• • • • • • •		• • • • • • • •	# I V		IN CHOIS						
DIRECTION (DEGREES)		4-6	7-13	11-16	17-21	2?-?1	28-33	34-43	41-47	48-55	31 5a	13141	4143 4143
٧ (-4	4.2	12.5	13.2	1.3	. 1	• • • • • • •	• • • • • • •	•••••	• • • • • • •		31.5	1).
NYE		2:9	16,8	12.9	2 - 1	. 1						34.2	13.
NΕ	- 1	1.6	7.9	5.4	•5	. 1						15.6	13.
ENE	-1	. 9	1.8	. 9	- 1							3.7	→.
[1.0	1.2	• 1							2.5	13.
£\$£		. 1	• 2	. 5								.5	;).
3.6			. 1	• 3								.1	11.
558			,)			-						. 1	3.
5													
55w		. 1	· 3			• 0						.1	11.
S <u>a</u>				j	• 0			-				.1	1 + -
W.Z.W	.0	- 1										.1	4.
•	.0	- 1										.1	٠.
979		5		• 1				-				. 5	۶.
NW		.1	.1	•1								1.5	1.
NYU	•1	1.6	2.7	2.2	• 0							5.5	,.
VARTÁBLE	*******	::-:		· · · · · · · · i	• • • • • • •	•••••	• • • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •		17.
CALM	111111111	iiiiiii	mini		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		(///////	,,,,,,,,	,,,,,,,,	,,,,,,,,,	,,,,,,,	1.7	,,,,
TOTALS	 .9	13.1	43.9	36.1	3.4	. 3						133.3	1).

GENBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC CITE CHIN SURFIN MOITOSPIC CMIN IDAFFUS OF SOMIFFUDO OF YOMILGEFF SCATMINGS SPICE CHIND FORM

STATION NUMBER: 616413 CITATE CARAMUM POITATE PERIOD OF RECORD: 15-85 404TH: FEB HOURS(LST):]300-2232 OIRECTION | 1-3 4-6 7-13 11-16 17-21 22-27 28-33 84 3 H C V 3 W 12146 (DEURIES) 1 ŧ ¥ | 3.7 33.9 Ņ Ų E . 5 . 0 43.5 7.4 ΝE 1.5 . 9 6.5 9.7 3.6 EVE 11.7 ESE SE 5 SSW . 2 . 2 2 m 1.1 1.5 • 2 3.2 7.2 3.0 VARIABLE CALM 2.5 ///// 133.3

GEO3AE CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC CHECK MIN SERIN MOITCHIN CONTAMENDED F SURFACE ALIVO DIRECTION ALERS ALIVO SPECE

₽ERIOD OF RECORD: 76-35 MONTH: FEB HOURS(LST): 3300-7500 STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL 7-10 11-16 17-21 22-27 28-33 54-4) (062662) 7.1 MME 24.9 10.5 13.5 9.5 NE 2.3 13.9 19.0 9.2 ENE 1.5 7.9 . 3 SE . 3 . 5 7.3 44 7.1 . 8 NVH 4.4 TOTALS 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE ALVO DIRECTION VERSUS ALVO SOCIETATIONS. GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION NUMBER: 616413 STATION NATE: DAKAR SENESAL

PERIOD OF RECORD: 16-85 CUEU-COAC : (123)38FUE E31 : HINCH

			• • • • • • •	• • • • • • • •	• • • • • • • •		 ND SPEED	IN (NOT		• • • • • • • •	• • • • • • •	· · · · · · · · ·	• • • • • • • •	• • • • • • •	• • • • •
	ULRECTION ((UEGR_ES) (4-6	7-13			22-27	29-33	34-43	41-47	49-55	a€ 55	TOTAL	4 E & 4 C V I ii	
	١		3.3	15.9	7.3	•••••	•••••	• • • • • • • •		•••••	• • • • • • •		27.3	7.4	••••
	NYE		₹.8	19.2	10.5	• 2							32.7	7.7	
	NE	.2	2.4	17.4	3.3								23.3	9.1	
	ENE		1.5	3.3	• 2								5.3	7.7	
	<u>. <u>६</u></u>		• 4										.4	5.3	
	ESE	i 1													
	\$.F	i I													
	¿¿E														
	s	i 1													
	5 S W	Í 1													
	<u>\$#</u>	i 		. • 2	_	-	-						• 5	3.3	
	HSH	i I													
		i I													
		 			-										
	NW	j j	. 4	1.5	• 2								2.2	3.2	
	448 1	1 1	. 7	5.9	1.3								7.5	3.9	
	VARIABLE			::::::::		*******	*******	• • • • • • • •	• • • • • • • •	******	•••••	• • • • • • • •	••••••	• • • • • • • •	
	CALM	,,,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	1.3	,,,,,,	
	TOTALS	.2	11.5	> 3 . 4	23.3	. 2							133.3	9.2	
		• • • • • • • • • • • • • • • • • • • •		•••••	••••••	•••••	• • • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	••••••	• • • • • • •	••••

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF DECURRENCE OF SURFACE AIND DIRECTION VERSUS AIND SPEED FROM HOUSELY DASFRANTIONS

PERIOD OF RECORD: 76-35 MONTH: FEB ADURS(LSI): J900-1100 STATION NUMBER: 616413 STATION NAME: DAKAR SENESAL DIRECTION | CDEGREES) | 414 v ı CFIE . 3 11.1 9.0 19.5 13.3 . 3 . 5 - 5 17.3 <u>"N</u> v Ę 2.8 9.8 3.5 33.3 11.9 2.8 12.8 . 5 21.8 13.5 4.5 2.3 . 3 5.3 13.5 3.0 2.0 5.5 13.9 £ . . . 5 . 3 . 3 . 3 S WSW HVW ... • 3 . 3 ¥.J . 5 . 3 . 3 1.3 7.0 4 4 NNM 1.3 2.3 1.9 7.5 CALM 133.3

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREDUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DESCRIPTIONS

STATION NUMBER: 615410 STATION NAME: DAKAR SENESAL PERIOD OF RECORD: 16-35 CL41-CGS1 :(12J):FRCD+ E34 :HTVOP

 •		• • • • • • •	• • • • • • • •		417	12 S 2 E E 3	TCVA VI	• • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • •	•••••	••••
DIRECTION (DEUREES)		4-6	7-13	11-16	17-21	22-21	28-33	34-40	41-47	48-50	às ôs	13141	V # 3 P C V 1 W	
٧	l •4	2.0	6.4	19.1	2 • 4	• 2		•••••				37.5	11.9	••••
 NYE	12	3.7	11.3	29.0	5.3	. 4						11+5	12.9	
NE	į	• 9	4.2	b.9	1.1							13.3	11.6	
ENE	ļ		• 2	. •2								• •	13.3	
 E	<u> </u>	2	2.0	1								2,9	13.3	
ESE	į		. 7	. • 7								1.3	11.3	
SE	į	•2	• 2									. 4	J	
 	Ĺ													
\$	•													
SSW	! !	•2	• 2									.4	7.3	
 <u>S</u> w	<u> </u>		•?									. 4	3.0	
WSW	į													
4	<u> </u>	• 2										• ?	5.3	
 	<u> </u>											• 5	13.3	
NU	:	• 2	• 2	.4								. 7	11.3	
NVW		•2	1.1	3.1								4.4	11.5	
 VARIABLE	, 	:-::::::	*******		••••••		• • • • • • • •		• • • • • • • •	• • • • • • • •	• • • • • • •	•••••	• • • • • • • • •	::::
		,,,,,,,	,,,,,,,	1111111	.,,,,,,,	,,,,,,,,,		,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	•?	,,,,,,	
TOTALS	 	8.1	26.6	54.9	9.9	. 7						133.3	11.9	
 														

GEURAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICEZMAC PROBLEM ADDRESS FREED USE OF SURFACE WIND DIRECTION VERSUS AIND SPEED FROM HOUSELY DASSERVATIONS

<i></i>									: hTrop			11: 1500-		
DIRECTION IDESR_EST	1-3	4-6			17-21	22-21	14 (431) 28-33		41-41	49-55	JC 55	13146	954.V #143	
١ ٠	•••••	1.9	9.5	31.3	3.9	. 7	• • • • • • • •	•••••	• • • • • • • •	• • • • • • •		47.3	13.3	
NVE .		. 7	3.0	15.3	3.4							23.5	13.3	
NE [. ?										• 2	5 • 0	
ENE (
<u>.</u>				. • 2	•							•?	11-3	
£2£ 1														
35]														
sst														
s				• 5								. ?	11.0	
1 w22		.2		. 2								. 5	.,	
2 [:2										.5	1.3	
M2M														
HAP		_ 1.0	. • 5	. • 5								1.9	7 . 9	
\w .	.5	2.6	1.2	? - 4								5.7	9.5	
NVU	•2	3.6	8.4	6.3								19.1	9.5	
! j jjeatrav	·*· ·· · · ·	• • • • • • • • •	•••••			•••••			•••••	• • • • • • •	•••••	•••••		••••
CALM	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	1111111	//////	,,,,,,,,,	//////	,,,,,,,,	,,,,,,,	,,,,,,,	.1	111111	
FOTALS	.7	10.5	23.6	56.1	7.6	. 7						100.0	12.0	

SENSTER SENSTER SEASTER SEASTE PERCENTED FREDUCINOS DE DECURRENCE DE SURFACE NIND DIRECTION NERSUS NIND SPEED FROM HOUNCAY DESCRIPTONS

STATION NUMBER	?; 61541)	214113v	- NA 4 F 2						. CC153°): 75- 13175(LS1	-35 (): 1303-	2101	
DIRECTION (DFSREES)		4-6	<i>1-</i> 1J			5950	21CF NT 8	4-40	41-47	49-55	3E 55	TOTAL	VASM CVIS	•
•) .? 	1.7	13.4	25.≠	. 1							43.4	11.5	
NVE			5.4	9.3	1.7							15.9	12.4	-
٧E	 	• ?	• ?	• •								. 7	10.0	
ENE														
٤														
ESE														
SE	! !													
558	l I													
S	1													
SSW	l I		. 4									.4	7.3	
Sw	l I		. 2									• 2	7.3	
W 5 to	t I	. 4										. 4	5.0	-
•)	• 2										• ?	4.3	
MAM		1.1	. 9	• !								2.5	3.2	
NW !	. 2	1.1	4 - 8	4.6								13.5	9.7	
NVW		3.5	10.2	7.8	• ?							21.7	9.5	
VARIABLE		• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	,,,,,,,,	••••••		• • • • • • • • • • •	•••••	• • • • • • •			•••••		• · · · ·
	l	,,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,,,,		,,,,,,,,,,	,,,,,,				2 . =	,,,,,,,	
TOTALS	١	8.2							, . , , ,	.,,,,,,,				
IOTALS	• 4	B • ₹	36.4	49.7	2.6							133.3	13.6	

ULUBAL CLIMATOLOGY BRANCH PERCENTAGE FREGJENCY OF OCCURRENCE OF SURFACE WIND PIRECTION VERSUS WIND SPICE USAFETAC FROM HOURLY DASSERVATIONS
AIR WEATHER SERVICE/MAC

Marie Landing

STATION NUMBER: 616413 STATION VAME: DAKAR SENESAL PER(DD OF RECORD): 76-89

MOTH: RP + 10021[25]; 35U3-3333

	1				-1	ND 52650	[N 443]							
DESPEES)		4-6	1-10	11-16		22-27			41-47	49-55	3£ 55	15141	VA;N CVIS	
`	. 9	5.0	21.0	21.3	1.1	•••••	•••••	•••••	•••••	• • • • • • • •	•••••	49.7	17.4	••••
NNF		• 6	6.5	1-1	• 5							14.9	11-1	
٧٠			1.5	.6								? • 2	13.3	
ENE		• 5	.6									, 9	7.3	
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\$ F]]													
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5	!													
SSW												• 2	3 • D	
Sw _j	· <u>··</u> .											. ?	?.)	
w S w	.2	.4										. 5	3.3	
)	• 6		• 2								1.1	5.5	
444	<u> </u>	. 4	• 2	2								. 7	5.5	
V		1.9	3.2	1.1								5 • 3	7.9	
NW	.7	3.5	12.8	5.5								22.3	9.2	
	· • • • • • • • • • • • • • • • • • • •	<i></i>							• • • • • • • •					
TAPATRAV	· I			-										
CALM	11111111	///////	,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	min	,,,,,,,,	111111111	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	1.5	,,,,,,	
TOTALS	1.9	12.8	15.9	36.1	1.7							133.3	9.7	

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERIOD TO YOUTGOING TOTAL SERVICE AND STREET YOU YOU HOLD SERVICE ALONG THE SERVICE

STATION NUMBER: 615413 STATION WATE: DAKAR SENEGAL

VISAL PLATOD OF RECORD: 75-85

HONTH: APR HOURS(LEFT: 03)3-0500

ATOM STELL CEPES TO TAKE THE CEPES TOTAL HILLS

TOTAL HILLS

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THE ST # \$ \$ # € # 1 in DIRECTION (DEGREES)v 39.9 13.2 . 2 5.4 16.8 17.3 . 2 2.5 5.2 6.4 . 5 14.3 13.5 NNE • 2 7.3 1.0 NF . 1 . 2 ENE £ EsF SE 5 S E 3.3 5 55# 5.3 3.3 .5 4.3 1.5 5.0 3.2 1.9 7.5 . 1 ... 4.9 20.5 32.1 7.1

GLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICEZMAC PERSONAL FREQUENCY OF OCCURRENCE OF STREAMS AND DIRECTION VERSUS AIND SPEED FROM HOUSE PROFITANCE OF STREAMS O

>:RIDD OF RECORD: 75-35 HONTH: APR HOURS(LST): JJDJ-32JJ 41ND SPEED IN (NOTS 21 22-27 29-33 34-4) DIRECTION | IDEURIES | | 4544 4140 13116 N 17.3 23.4 NYF 1.1 4 • 4 4.4 13.3 11-1 NE 1 - 1 1.1 ENF . 2 ¥.5 .? ٤ ESE . ? • 2 4.3 SF SSE 5 . 2 . 2 *.3 55 H 1.1 1 - 1 2.3 5.1 5.0 4.0 . ? 13.5 7.7 9.3 316AIFAV 2.3 /////

ULOBAL CLIMATOLOSY BRANCH USAFETAC ATR WEATHER SERVICE/MAC PERJENTAGE FREQUENCY OF DOCURRENCE OF SURFACE WIND DIRECTION VERSUS CHIN SPEED FROM HOURLY DBSFRVATIONS

STATION NUMBER: 615410 STATION VALE: DAKAR SEVESAL

CE-61 :CFC33F TC GC1R39 :CFC21) CFC FAM : HTVOM

											,			- 	
·	DIRECTION (DESREES)	1-3	4-6	7-13	11-16		22-27 22-27	IN (NOTS 28-33	34-43	41-47	48-55	5E 55	FOTAL	4[4] 4[4]	
•	۷ (.2	2.5	14.6	19.3	3.0			•••••		•••••	•••••	+3.2	11.5	
	<u>NNE</u>	 		9.0	11:7	2.6	• 1						24.3	12-1	
	NE	l •3	• 3	2.9	2.3	. 3							5.5	11.3	
	F NE	.3	.1	. 5	. 3	٠.							. 9	7.7	
		l	1.	• ?	1								. 3	3.3	
	ESE			• 9									.1	3.0	
	SE (
	5 <u>5</u> E	! !													
	5	 	. 1										-1	5.0	
	55 W	l •3	.0	- 1		• 0							• ?	÷.2	
_	اا اا	l 	.1										•1	7.5	
	W 5 W		. 1	. 3									• 1	5.4	
	<u>.</u>	 •1	.5	. 3									. 9	5.9	
	# N W	.1	1.0										1.9	5.4	
	N#	.2	1.8	3.1	1.5								5.7	3.5	
	N N N	.3	3.0	8.5	5.5								17.3	9.7	
·	VARTE	 *** * * * * * * * * * * * * * * * *				••••••			• • • • • • • •		• • • • • • •		• • • • • • • • • • • • • • • • • • • •	•••••	
	1	,,,,,,,,,	///////		,,,,,,,,	,,,,,,,	,,,,,,,	///////	,,,,,,	,,,,,,,,	,,,,,,,		1.1	,,,,,,	
	101ALS	1.0	16.4	39.7	41.0	5 - 6	• 2						133.9	13.8	

JEUHAL (EIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC COORS CMIN REACHER LEVIL LATE CONTRACT ACTION OF SURFACE ALMA DIRECTION ACRES ACTIONS ACCORDED ACCORDE

SERIOU OF 4:CORD: 75-35 CCES-CG15:11:2102-2303 STATION NUMBER: 015410 STATION NAME: DAKAR SENERAL

		• • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • •			1 4 4 4 1 1 .	• • • • • • •	• • • • • • • •		• • • • • • • •		• • • • • • • •	···· —
DIRECTION (1 1-3 	4-6	7-13	11-16	17-21	22-21	28 - 33	34-4)	41-47	49-55	5£ 55	10141	MERN VIND	
N	2	4.3	?1.5	12.1	.5	•••••	• • • • • • • • •	• • • • • • •	• • • • • • •			33.3	13.1	••••
NYE	Ļ		9.6	10.4	, 7							21.1	11.4	
NE	!	1.0	1.2	• ?								2.5	9.3	
ENE														
٠.	!													
€>£														
Sf														
55E														
<i>'</i>	į													-
55#	į													
5 • .														
454	i	• ?										•?	5.3	
•		1.0	. ?									1.2	>.3	
	<u> 2</u>	•!	• 5									1.5	5.2	
AA	į	3.5	3.5	2.3								9.9	3.3	
NVW	į	5.7	13.8	5.9								25.4	3.9	
VANTARLE	;	. : : : : : : :	:::::::			,	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •			<u></u>
	i 	,,,,,,,		,,,,,,,	,,,,,,,	1111111	,,,,,,,,	,,,,,,		,,,,,,,	,,,,,,,	1.3	,,,,,,	
TOTALS] .5		>0.4	30.6	1.2							133.3	7.6	

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE ALMO DIRECTION VERSUS ALMO SPEED FROM HOURLY DBSERVATIONS

STATION NUMBER: 615410 STATION NATE: DAKAR SENESAL

PERIOD OF RECORD: 76-85 MONTH: MAR HOURS(LST): 1800-2000

••						11	NO SPEED	IN 4NOTS			· · · · · ·			• • • • • • • • • • • • • • • • • •
	DIRECTION (1-3	4-6	1-17	11-16	17-21	22-27	28-33	34-4)	41-47	43-55	3E 55	13116	V # 3 P C V I m
••	۱ ا	-4	-6	9.6	31.2	3.9	•••••	•••••			• • • • • • • •	•••••	45.5	12.9
	NNE .		. •2	2.5	1.9	1.3							11.7	12.5
	NE			• 2	• 2								.4	11.7
	ENE													
	<u>£</u>				• 5								• ?	15.0
	ESE			• 2									• ?	3.7
	3.6													
	\$\$E	·												
	s													
	55 W	:												
	Sw	! 												
	MSW	! !		.2									•?	3.0
	•	, !	. 8	. 6									1.7	5.5
			1.9	1.0	•?								3.1	5.7
	NM.	! [2.1	6.3	4.4								13.4	7.5
	NNW		2.3	9.2	10.3	1.5							23.2	13.9
· ·	VARIABLE I	'		******	*******	*******	*******		•••••	• • • • • • •	• • • • • • • •	·····	•••••	
	CALM	,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	//////	,,,,,,,	,,,,,,,	,,,,,,,	. ?	,,,,,,
		ī												

GEOBAL CEIMAIOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREDIENCY OF OCCURRENCE OF SURFACE AIND DIRECTION NERSUS AIND SPEED

STATION NUMBER	7: 615413	VOLTATZ	N445:	DAKER SE	NESAL				PERIOD MONTH:	FC33F FC		-85 [1: 153]-	170)
 DIRECTION (IDEGREES)		4 - 6	1-13	11-16	17-21	22-21	TN (NOTS	34-43	41-47	49-55	5E 55	TOTAL	4140 4140
٧		1.1	3.4	31.7	9.9	. 5		• • • • • • •		• • • • • • •	•••••	47.1	14.3
 NNĘ		• 2	ļ . 8	11.3	5.2							17.5	15-1
NE	į			1 - 1								1,1	14 • 2
ENE													
 £ _		. 2										.?	5.0
ESE													
SE													
 S>E			-		-								
\$													
SSW					• 2							• 2	23.3
 Sw		2	• 2									• 5	5+3
MSM													
		•2	. 5									.7	5.7
MAM.		1:6	1.8									3.4	1.2
N IS		1.1	3.0	2.3								5.4	9.9
NAM		.5	7.1	11.3	1.5							23.7	12+1
 VĀRIĀBLE			*******		******	••••••		• • • • • • • •	••••••	······	•••••	•••••	••••••••••••
CAL "	,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,		111111
 TOTALS	.5	5.3	17.9	57.7	19.2	. 5						133.3	13.4

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GLOBAL CLIMATOLOGY BRANCH PERLENTAGE FREQUENCY OF OCCURRENCE OF SURFACE AIND DIRECTION VERSUS AIND SPEED USAFETAC FROM HOURLY DESERVATIONS

STATION NUMBER: 615413 STATION WATER DAKAR SENEGAL

PERIOD OF RECORD: 76-85
CC+1-CC51: (135/CL5F): 1200-1+00

•									: FTVCF	FAP	43742172	11: 1233-	1+33	
DIRECTION (DEGREES)			7-13	11-16			14 44015 28-33		41-47	49-55	3E 3S	TOTAL	MEAN Crik	
٧		1.1	5.0	29.5	5.9	• • • • • • •				• • • • • • •		42.5	13.3	
NNE	ļ	<u>1 • 3</u>	5 • @ .	18:1	7.9	. 5						33.5	13.7	
NE	!	.4	2.4	5.2	1.5							9.5	13.0	
ENE			, 4	• 2								. 5	9.7	
	ļ		2	• 5								.4	13.3	
EsE	-													
SE	į													
S <u>S</u> E	·}			-	-									
>														
55#	į													
. Sw											-	-		
828														
4	į		• 2									• ?	9.0	
uvu	<u> </u>		9									1.3	5 - 8	
ИЯ		6	1.7	• 6								3 . 2	3.7	
NVW		• 2	2.8	4.7	.6							3.4	12.2	
VARIABLE	<u> </u>	*******			::::::	•••••	•••••	• • • • • • • •	••••••	••••••	••••••	••••••	,	<u></u>
CALM	lumin	,,,,,,,,			,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	- 2	,,,,,,	
TOTALS	1 .2	. 4.1	20.5	58.5	15.7	. 5						133.3	13.0	

TOTAL NUMBER OF OBSERVATIONS: 454

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GLUBAL CLIMATOLOGY BRANCH PERSENTAGE PREJUENCY OF OCCURRINGE OF SURFACE WIND DIRECTION VERSUS WIND SPECIOUS FROM HOUREY DBSERVATIONS

STATION NUMBER	1: 616413	STATION		DA44R SE					PERIOD HOVIH:	SECOR		-35 []:]?]]-	1103	
 DIRECTION (DESREES)	١.,	4-6	7-15		411	CBBCR CO	EN 4NDTS 28-33		41-47	48-55	35 55	1314c #	PAEM CVIM	••••
ν !		1.2	11.9	20.0	2.5	• ?	• • • • • • • •	•••••	•••••	• • • • • • •	•••••	35.9	11.7	• • • •
 NYE		1.0	8+1	18.1	. 4.3							31.+	12.3	
NE			4.0	5.9	1.2							11.2	12.1	
ENE	•2	7	1.4	1.0	• 2							3.5	9.2	
 _			1+?									1.3	9.0	
ESE														
, SE														
 SSE														_
s		• 2										.2	4.0	
 55W		•2										. 2	5.3	
 <u>\$</u> ₩				_										
#2#														
	•2	.2										. 5	3.5	
 www	•2		:?									1 . ?	7.2	
NM	•2	1.4	2.4	- 7								4.9	7.8	
NNW		1.0	3 . 3	4.8	• 2							9.3	13.7	
 BJEATRAV	*******		:::::::		********		•••••••	••••••	••••••	••••••	••••••	•••••	••••••	•••
CALM	,,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	.7	,,,,,,	
TOTALS	1.1	6 • 2	33.0	50.4	9.6	• 2						133.3	11.5	

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCY OF SURFACE WIND DIRECTION WARNS AND USE OF FROM HOUSEY DASCRIVATIONS

STATION NUMBER: 615410 STATION NAME: DAGAR SENEGAL

PERIOU JE RECJRD: 76-35

	1					ו נוני כו	V CHOIC	• • • • • • •			• • • • • • •		•••••	• • • • •
DIRECTION (DESPLES)	1-3	4-6	7-13	11-16	17-21		28-33	14-43	41-47	41-55	a∃ 55	TOTAL	HILY WIND	
٧	!	4.2	17.9	13.4	1.1	•••••		• • • • • • •		• • • • • • • •	• • • • • • • •	36.5	13.7	• • • • •
NNF _	Į.	1.9	15,5	10-1	. 4							21.7	13.4	
NE	!	. 4	6.9	1.9								9.2	₹.7	
ENE	!	• 2	. 6	• 2								1.1	1.2	
ŧ	Ì	- 4	• 2									. 6	5.)	
ESE	!													
SF	}													
162	}	-			·									_
\$	į	• 2										• 2	5.3	
55#	!		• 2									• ?	13.3	
> ₩	1	- 2										• 5	4.3	
454	į	• 2										.4	٠.0	
•	.2	. 4										. 5	1.7	
. V =	.2	. 8	. 2	. 2								1.5	5.1	
44	.2	2.1	1.5	.4								4.7	5.7	
NVW	1.1	2.1	8.4	2.5	.2							14.9	3 - 5	
JARISAV	:	••••••	• • • • • • • • • • • • • • • • • • • •	*******			,,	• • • • • • •		• • • • • • • •		· · · · · · · · ·	• • • • • • •	•===
CALM		,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	2.3	,,,,,,	
TOTALS	1 1.9	13.9	51.5	28.9	1.7							100.0	3.4	

DEBAL CLIMATOLOGY BRANCH PERCEVIAGE FREQUENCY OF OCCURRINCE OF STATEMENT DIAGRAMS VOICESTAGE AND SPECIAL CLIMATOLOGY BRANCH PERCEVIAGE FROM ADJACE AND SPECIAL PERCEVIAGE PERCEV

STATION NUMBER: 615410 STATION VALE: DAKAR SENERAL

PERIOD OF RECORD: 75-35

									40 VT+:	445	43752862	1); 3333-	3533	
 DIRECTION (DEGREES)		4-6	7-13	11-16			IN 4NOT: 28-35		41-47	43-55	3£ 55	TAICT	WASH CVIN	
٧	!	3.0	23.6	11.3	• 5		• • • • • • • •		• • • • • • •	• • • • • • •		37.9	9.9	•••••
 NNE	<u> </u>	• 9	12.1	11.0	. 2							24.3	17.7	
NE	[•2	4.2	. 9								5.4	9.5	
ENE			• 2	• 5								• 5	11.5	
 £														
ESE														
SE	!													
 SSF														
\$	į į													
55W	.2		• 2									. ś	5.3	
 ~ Sw =	 													_
ws.w	!													
	!	.5										.5	5.0	
 ния	<u> </u>	. 9	2	• 2								1.4	5.5	
NW	.,	1.9	3.0	• 5								5.1	5.9	
NNW	.7	6.3	11.7	2.8								21.5	3.1	
 VARIABLE			********	*******	••••••	•••••	• • • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • • • •	• • • • • • • • •		*****
CALM	111111111111111111111111111111111111111	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	?•1	,,,,,,	
TOTALS	1 1.6	13.9	55.4	26.5	. 5							133.3	P.3	
• • • • • • • • • • • • • • • • • • • •														

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF DECURRENCE OF SURFACE AINO DERECTION VERSUS AINO SPEED BRAINCERS VOLTANFACEC YOUR MORE

8 # E # W N | 9.3 . 4 NVE 1.2 15.8 7.6 13.2 ___ ٧F 3.7 4.9 9.3 ENE 13.5 Ē ESE ۶E Ś 55# 7.3 15.3 • 2 M S M . 2 5.3 5.2 .6 . 6 • 2 1.4 1.4 1.5 3.2 -5.1 11.5 2.3 . 2 3.3 CALM 1.3 ///// 133.3 TOTALS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERIENTAGE FREQUENCY OF OCCURRINGE OF SERVACIONAL CONTROLLED FROM HOUSELY DESCRIPTIONS

	STATION NUMBER	8: 615413	STATION	NA4E:	DAKAR SE	NI SAL				PERIOD:	OF RECOR	13 75 TE		L
 -	DIRECTION ((DEGREES)		4-6	7-13	11-16	41\ 17-21	D \$25E) 22-27	IN 44015 28-33	34-43	41-47	49-55	3E 55	Talet 4	PASP CVIW
	N I	-2	3.3	13.5	15.3	1.0	-1	• • • • • • • • •	•••••	• • • • • • •	• • • • • • •		33.1	1).7
	NYF		2:1	15.7	. 13.3	1.9	. 1						33.9	13.9
	NE	•0	1.2	7.1	3,2	• 2							11.9	÷.9
	ENE		. 3	1.1	. 3	, 3							1.9	3.2
	<u>t</u>	ļ	1	. 6	9								1.1	13.2
	E S E			- 1	-1								• ?	11.3
	ŞΕ		• 1	• 1		1							.1	7.5
	SSE													
-	s				•0	,							• 3	11.0
	SŞW		• 1	. 1	. 3	-							. 3	7.4
	<u> </u>	3	!	1	I	!							• ?	6.8
	WSW		. 1		:								-1	5 . D
		•1	• 1		,								.1	+.3
			. 4		1.								• 1	7.5
	NW	•1	1.2	1.5	1.1								3.9	3.4
	NVW	-1	2.2	5.9	2.9	. 3							11.1	7.1
	VARIABLE	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •		********	*******			• • • • • •	••••••	••••••	••••••	• • • • • • • • • • • • • • • • • • • •	••••••
	CALM	,,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	1.7	,,,,,,
	TOTALS	.6	11.8	46.0	36.4	3.2	.2						133.3	13.1

GLOBAL CLIMATOLOGY BRANCH
PERSENTASE FREDUENCY OF DECURRENCE OF SURFACE AIND DIRECTION VERSUS AIND SPEED
USAFETAC
AIR WEATHER SERVICE/MAC

STATION NUMBER: 616413 STATION NATE: DAKAR SENERAL

PERIOD OF RECORD: 76-85 MONTH: FE3 HOURS(LSI): 2100-2800

• • • • • • • • • • • • • • • • • • • •		•••••	• • • • • • • •	• • • • • • •			IN KNOTS	•••••			• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	
DIRECTION (DEGREES)		4-6	7-13	11-16			28-33		41-47	49-55	3E 55	TOTAL	WATE CAIM
• • • • • • • • • • • • • • • • • • • •		• • • • • • • •					<i>.</i>		• • • • • • •	• • • • • • •	- • • • • • • •	• • • • • • • •	• • • • • • • • • • • • •
N I	.5	6.5	18.8	9.4	. 3							35.5	₹.3
NNE	·	? • 3	36.1	10.7	÷ 3							39.4	13.3
NE.	i !		2.6	. 9								3 - 4	10.0
E NE	1 1												
·													
ESE	l i												
SE	! 												
	 												
S	! !												
SSM	l i												
#SW	[
4	∮ •5 I	. 3										. 9	3.3
	 	: 3			-							• 5	5.3
VW.	l J	1.8	1.3									3.1	5.5
NNW	 	5.5	7.6	. 8								13.9	1.7
VARIABLE	·····	******		******	.::::	••••••		••••••	• • • • • • •	• • • • • • •	•••••	• • • • • • •	
CALM	,,,,,,,,,	11111111	,,,,,,,	///////	//////	,,,,,,,	minn	1111111		,,,,,,,	,,,,,,,	3.4	111111
TOTALS	1.0	16.7	56.7	21.7	•5							133.3	9.8
***************************************	•••••	•••••	• • • • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • • • •	• • • • • • • •		• • • • • • •		••••••	

GLOBAL CLIMATOLOGY BRANCH USAFETAC PERTENTAGE FREQUENCY OF DECURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPECIAL PROPERTY OBSERVATIONS AIR WEATHER SERVICE/MAG

P[RIDD DF RETORD: 15-3, MONTH: APR HOURS(LSTI: 3740-1100 27-40 IN 44075 17-21 22-27 28-33 34-40 DIRECTION | | OBJREEST | 4-6 17-21 1-13 11-16 4_4V 2143 12.9 13.3 43.4 4 • 0 13.1 4.2 . 5 13.9 • 2 22.3 13.9 4.7 ENE 13.3 . <u>t</u> ESE S E 5 554 23.3 . 2 WSW 5.3 . 5 5.3 3.3 3.5 . 2 . 2 7.9 44 1.4 *** 7.5 . 2 13.9 CALM TOTALS

GLOBAL CLIMATOLOGY BRANCH PERCECUTAGE FREQUENCY OF DEGETAGE OF SURFACE OF DIRECTION VERSUS AIND SPEED USAFETAC FROM HOUSE SERVICE/MAC

STATION NUMBER	P: 615417	VCITATS 6	W#4::	JAKAR SÉ	N. JAL				SESTON:	OF RECOR	75 15 HOURSILS	-35 11: 1200-	1+33	
UIRECTION (UEUREES)		4 - b	7-13	11-16			14 KNOTS 28-33		41-47	49-55	3E 55	TOTAL	45 k W 45 k W	,
N		.2	5.7	31.4	11.3	1.1	•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • • •	23.1	14.2	
 NNE		. 4	5.0	14.9	1 4.6	. 9						22.7	14.5	
NE	! !	. 4	. 4	2.3	.4	٠2						3.5	12.9	
ENF	<u> </u>		.2		i							• ?	13.3	
 Ę	 													
£ 2£				•2	1							• ?	15.0	
SE	!			:										
 \$ \$ £												. 4	₹.5	
>	1	• ?										.?	5.3	
55=				• 2								• ?	14.3	
 . s#			<u>• 2</u>									• 2	₹.0	
wsw														
•	į	•2	• 2									.4	1.3	
 H.F.H		:4	. • ?		• 3							. 9	7.3	÷
78		? .7	3.5	1 - 3								5.7	7.0	
444		. 4	6.0	7.5	. 9							14.9	11.3	
VARIABLE	' ' . <u></u>		• • • • • • •	• • • • • • • • • •	•••••	•••••	•••••	• • • • • • •	•••••	•••••	· · · · · · · · ·	• • • • • • • •	•••••	•••
CALM		,,,,,,,,,,	///////	,,,,,,,,	11111111	1111111	,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,	.2	"""	
FOIALS	, !	? 3.1	19.0	58.1	17.4	2.?						133.3	13.3	

GLUBAL CLIMATOLOGY BRANCH USAFLTAC PERSONAL PRESENTATIONS OF DECERTINES OF SURFACE AND DIRECTION MERSUS AND SPEED.

STATION NUMBER: 61541) STATION NAT.: TAKAR 5:NESAL PER PROPERTY TO SHED TO SHE DIRECTION | (DESPIES) | ······ 14.5 51.3 3.2 3.3 7.4 15.9 15.3 N E . 1 . 7 E VE ٤. Sŧ SSE 7.3 5 . 5 . 5 7.5 SSW . 2 . 5 . 2 SW . 2 • 5 5 · J 928 7.7 ٠2 . 5 **272** 1.6 • 2 .5 3.0 3.0 7.1 . CALM 111111 61.1 19.1 100.0 15.7 TOTALS 16.3 TOTAL NUMBER OF OBSERVATIONS: 1

1

ATR WEATHER SERVICE/HAS

GLOBAL CLIMATOLOGY BRANCH PERSENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION WERESUS WIND SPLED USAFETAC ... FROM HOURLY DISSERVATIONS AIR WEATHER SERVICEMAGE.

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-85

3141104 1052	010413	3141171		3444 32	,,,,,,				HONTH:	AP?		T): 1900-	5303	
 DIRECTION (OBEGREES)		4-6	7-13	11-16			IN 44015		41-47	49-55	35 35	1314L 4	M:4.V W1.V.)	• • • • •
V	! !	• • • • • • • •	10.0	28.4	4.5		•••••		•••••	• • • • • • • •		43.0	13.0	
 NY!	ļ <i>_</i>		. • 4	2 • ?	• ?							3.0	11.9	
NE	<u> </u>			• 2								•?	12.3	
ENE	!													
 <u> </u>	! !													
ESE	! !													
3 F	! 1													
 551	t !													_
>	l I													
S 5 #	1 1		. 4									. 4	3.5	
 SN	! !		• 2		_		_					.4	5.5	
WSW	<u> </u>													
	1 	1.1	. 4									1.5	5 . 7	
 HAH	<u> </u>		2.0	2								2.5	3.5	
An .	!	1.5	4 - 1	4.3								13.3	13.1	
NNW	† ! 1	1.1	16.1	21.5								33.6	13.9	
VARIABLE	, !	• • • • • • • • • • • • • • • • • • • •			•••••		••••••	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •		
CALM		,,,,,,,,	,,,,,,,	1111111	///////	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	• 2	,,,,,,	
TOTALS	i 	4.6	33.6	56.3	4.9							100.0	11.6	

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUSELY DBSERVATIONS

253100 OF RECORD: 75-85 MONTH: APR HOURS(LSTI): 2100-2300 0 11-16 17-21 22-27 28-33 34-40 41-47 49-55 GE NO TOTAL DIRECTION 7-10 MEAN WIND (DESREES) 1 1.7 11.3 18.9 19.1 2.0 +2 • 2 NNE 3.2 3.2 5.5 17.9 7.3 . 7 . 1 £ \$E 5 S E 554 . ? **.**.3 . 7 1.3 4.3 1.2 7.5 # N W • 2 V 2 3.7 1.2 3.1 7.5 ... CALM

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE AF SURFACE AND DIRECTION VERSUS OF CONTRACT.

ROUTE PORT HOUSELY DESCRIPTIONS

ata atainte 3	AVICIPAGE													
STATION NUMBER	8: 616413	VCITATZ	NA45:)4442 SE	V1.541				CCIFIC:	OF RECOR): 75 H)J45(L5	-35 []: Au	L	
• • • • • • • • • • • • • • • • • • • •		• • • • • • •	• • • • • • •	· • • • • • • • •			TCV) VI	• • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • •	•••••	• • • • • • • • •	• • • • • • • •	• • • • •
DIRECTION (DEGR_ES)		4 - 6	7-10	11-16	17-21				41-47	48-55	3E 55	1314L 4	V#3P CVI6	
N		2.1	13.3	24.5	5.3		• • • • • • • •	• • • • • • • •				+5.3	1?.2	• • • • •
NVF	i I . • • • • • •	• ?	3.2	6.8	1.7	. 3						12.7	12.3	
٧E	 	• 1	• 5	1.3	, 1	. 1						1.9	12-1	
ENE	! !	• 0	• 2	. 3								• ?	3.5	
L] 	-												
ESE	!	· 3		• 3								- 1	13.3	
51	i I	•0										. 3	5.3	
SSE	i !		. •0	٠Ö								• 1	7.5	
S	i .1	• 1	- 1									• ?	3.2	
5.5 H	.3	-1	. 1	• 3	. 3							. 3	3.8	
	i •1,	_ •1	- 1									• ?	5.1	
WSW	.1	• ?										• ?	4.1	
•	.1	.6	. 1	. 3								. 9	>.5	
HAM		•6	• *	• 2	.0							1.5	7,7	
٧.		2.2	3.5	1.7	• 3	. 3						7.5	3.5	
7171	-1	2.6	13.8	11.3	. 3							23.2	13.2	
31PAIFAV	· · · · · · · · · · · · · · · · · · ·	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • •		• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • •
	i 	,,,,,,,	1111111	,,,,,,,,	(1111111	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,,	. 9	,,,,,,	
TOTALS	! ! .9	9.3	35.7	45.6	7.2	. s						133.3	11.2	
	<u> </u>													

ULUBAL CLIMATOLOGY HANCH PERSENTAGE FREQUENCY OF OCCURRENCE OF SURFACE MIND DIRECTION WEREIN SPECIAL PROPERTY OF SURFACE PROPERTY OF SURFACE MIND DIRECTION WEREING FROM HOUSEY DISSERVATIONS.

STATION NUMBER: 615417 STATION NATE: DAKAR SENEGAL

PERIOD OF RECORD: 75-35 MONTH: MAY HOURS(UST): 3303-0233

									: + 1 W C P			11: 3333	• • • • • • • • • • • •	
DIRECTION		4-6	7-13	11-16			11 44315 14 44315		41-47	49-50	35 55	TOTAL	VASP CVIs	
٧	!	2.4	15.3	18.5	.6	•••••	•••••	•••••	• • • • • • • •		•••••	35.7	11.3	•••
NNE	ļ	4	1.8	2.8								5.0	11.2	
NE														
ENF	į	• 2	• 2	• 2								.5	9.3	
t	<u> </u>	:?										• 5	5.7	
ESE	<u> </u>													
3.6	į													
sst		•?										• 2	>.3	
\$	į	• 2										•?	\$.0	
S S w	į	. 4	• 2									.5	5.7	
s <u>w</u>	ļ													_
WSW	į	• 5										• 2	5.3	
•	1 •6	1.2	. 4									5 • 5	4.7	
WNW	<u>i</u> — —		1 • 4								-	3.5	5.8	
VW.	.4	4 . 2	9.9	1.4								14.9	7.5	
NAA	1 .9	6.7	14-1	4.4								25.3	3.5	
VÁ 41 Á 9Ú É	· · · · · · · · · · · · · · · · · · ·	: • • • • • • • •		• • • • • • • •	••••••	••••	•••••	•••••	• • • • • • • •		•••••	.2	13.3	• •
CALM		,,,,,,,	,,,,,,,	///////	,,,,,,,	,,,,,,,,	,,,,,,,,	1111111		,,,,,,,	,,,,,,,	7.5	111111	
TOTALS	1.9	18.5	12.5	21.2	. 6							133.3	9.3	

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERSONAL PRESENTATION OF SERVICE OF SURFACE ALMO DIRECTION VERSUS ALMO SPECE ALMO DIRECTION VERSUS ALMO SPECE ALMO PROMISE PRO

T .															
	STATION NUMBER	R: 615413	STAT104	NA 1E:	DAMAR SI	. V L 5 A L				SERIOD CCIPIC	OF RECOR!		-35 fl: 3303-	3>33	
	• • • • • • • • • • • • • • • • • • • •		• • • • • • • •	• • • • • • •	• • • • • • • •	٠٠٠٠٠٠	NO 52EED	14 4431	· · · · · · · · · · · · · · · · · · ·	• • • • • • • •			• • • • • • • • •	• • • • • • • •	• • • • •
	DIRECTION (DEGREES)		4~6	7-10	11-16		22-21			41-47	49-55	å€ 55	1374L \$	V # 3 P C V 1 b	
	N	.2	2.0	12.7	12.7	1.8	. 2	• • • • • • • •	••••••	••••••		• • • • • • •	27.3	11.3	••••
		2	_ 1.9	2 • 7	2 • 5								7.3	9.4	
	٧E	į	• 2	. 4									1.1	7.0	
	ENE		• 2										• 2	5.0	
		<u> </u>		-											
	FSF		•2	• 2									.5	5.3	
	36	j													
		į													÷- ··
	S	ı I		• 2									• 2	3.3	
	5 S w	i 1	• 2	• 2									•5	5.3	
	· · · - 2 # · ·	2.	• 5	•?									. 9	5 • 5	
	454	! !	. 9										• 9	5.0	
	4	.9	1 • 8	• 2									3.3	3 . 9	
		5	5 • 2	1 - 1			-						4.9	5 • 6	
	44	.2	5.7	1.5	1.6								15.3	7.5	
	NYW	.5	6.1	14.3	5.5								25.4	3.9	
	VARTABLE	· · · · · · · · · · · · · · · · · · ·	••••••	•••••	• • • • • • • •	• • • • • • •	•••••	•••••	•••••	• • • • • • • •	• • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •		••••
	CALM		///////	,,,,,,,	///////	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	11/////	,,,,,,,	7.5	,,,,,,	
	TOTALS] 2.7	23.0	+0.5	22.3	1 - 8	• 2						133.3	3.1	
		<u> </u>													

GEOHAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF STREAM CALL PROPERTY OF YOUR STREAM FROM HOME

T	AIR WEATHER SI	ERVICE/MAC													
	STATION NUMBER	7: 615413	STATLOV	NA4E:	32 FARAC	NESAL				üCIF3<:HTVOP	PESSE TE		-95 []: 353]-	3333	
-	JIRECTION (DEUREES)	 1-3 	4-6	7-10	11-16			IN 4NDT 28-33		41-47	48-55	3E 56	TATEL	MEAN GVIW	
	٧	!	3.2	14.8	19.2	2.3	•••••	• 2		•••••	• • • • • • • •		39.5	11.3	••••
	NNE		_1 • 6	4.5	3 • 9	. 2							10.1	13.1	
	NE	<u> </u>	• 2	.6	• 2								1.3	7.0	
	E NE	į													
	<u> </u>		+2 .							-			.?	5.3	
	ESF														
	2€	į													
	<u> </u>	<u>-</u>													
	5	į	• 2										• ?	5.O	
	SSW	į	. 4										. 4	4.3	
	<u> </u>	i													
	wi S wi	i •2	.4	• 2									. 9	5.5	
	•	. 2	1.6	1.0									?.3	5 . ?	
	<u>ava</u> _	<u> </u>	5.0	1.5	<u></u> .								1.3	5 • 2	
	N.M.	.5	5.5	4.9	1.2								12.1	7.1	
	MAN	.6	3.6	13.1	3.4								17.3	3.4	
	BLEAR	, ; <u></u>	: : : : : : :	•••••	********	• • • • • • •		,	• • • • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • • •		******
	CALM	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	1111111	,,,,,,,	///////	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	13.7	,,,,,,	
	TOTALS	2.0	19.0	37.7	28.1	3 • 5		• 2					133.3	3.5	
										. 					

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE 41NU DIRECTION VERSUS 41NU 521EU FROM HOURCY DBSERVATIONS GLOSAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

PERIOD OF RECORD: 75-35 MONTH: MAY HOURS(EST): 0700-1100 #IND 52EED IN 4NDTS 17-21 22-27 28-33 34-4J DIRECTION MEAN 1 - 3 7-10 TOTAL 4.5 43.3 12.5 NNE . 2 3.2 8.7 2.1 14.3 13.3 . 2 . 5 1.3 13.3 ΝE • 2 ENE . 1 . 7 3.7 £ ESE . ? ۶E . 2 4.3 . ? - 2 SSE 4.3 s . 2 . ? +.3 5 S W 5.3 • 5 7.3 ٠, 2.3 3.4 1.4 1.8 • ? 1.5 2 • 5 10.5 5.7 3.9 3.4 8.7 7.1 19.5 7.7 VARIARLE I CALM

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUSELY DOSERVATIONS JEOBAL SLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

													• • • • • • •
DIRECTION (DESREES)		4 - 6	7-13		17-21		29-33		41-47	49-55	3E 55	JATCT \$	MEAN CMIN
· · · · · · · · · · · · · · · · · · ·	!	1.2	9.1	23.9	3.9	• • • • • • •	•••••	• • • • • • •	• • • • • • • •			43.2	13.5
NNE.	! !		1.8	1.7	3.2							12.3	14-0
NE	!	• 2	.6	1.8	. 2							2.9	13.1
ENE	!			• ?								• ?	15.3
	! !	•?										• ?	5 • O
ESE	<u> </u>												
SE	!												
<u>\$\$E</u> _					. 2							• 2	13.0
\$!	• 2										• ?	5.0
SSW	!	. 2	. 4									. 5	7.3
24													
WSW	1												
•		1.0	1.2									2.2	5.8
P 4 W	!	.8	1 . 2	1:2								3.2	7.4
NW	į	1.4	7.5	2 • 8								11.3	9.4
NVU	j	. 8	9.1	12.3	1 • 2							22.1	11.5
VARTAGÉE		<u>.</u>	•••••••		*******	•••••	•••••	• • • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	••••••	•••••	
CALM		,,,,,,,	11111111	1111111	1111111	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	. 4	,,,,,,
TOTALS	<u> </u>	6-1	30.0	49.7	13.8							100.0	12.3

PERSENTAGE FREDUCYON OF DECURRENCE OF SURFACE WINDORFC FREDUCES ALMOSTED SURFACE WINDOWS FRED FRED FRED SPECIAL SPECIAL PERF GEOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/HAC

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL PPEN CVIN DIRECTION 11-16 (DEGRIES) | 14.3 39.9 12.7 1.3 2.9 +.5 13.0 ٠2 E NE EsE SE 5 SSW NVH CALM 133.3 12.5

• • • • • • • • • • • • • • • • • • • •		• • •	• • • • • •	• • • • • • • •	• • • • • • • •			T 4 4 4 3 T		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • •
UTRECTION (DEURLES)						17-21	22-27	28-33	34-43				1314	HIEW
٧	! !	• 2						• • • • • • • •		•••••	• • • • • • •		35.8	13.1
NYF	! ! .		_ •	1.4	8	• :	2						? • 9	10.4
ME	! !		• 4	• 2	•								. 5	7.3
ENE														
£		-												
ESE	!													
3 £				• 2									.?	13.3
22E														
5														
554			• 2		. • 2								. 4	3.5
				• 2									• ?	3.0
454														
		•2	2.2	1.0	• 2								3.7	3 • J
				1.9									2.5	1.5
Nu.			1 - A	10.0	5.7								17.5	7.3
NVW			2.2	15.7	17.1	• 9	3						35.9	11.3
SERTRAV		٠.;	• • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • •		• • • • • • •					
	ĺ	,,,	,,,,,,	,,,,,,,,		,,,,,,,,					,,,,,,,,	,,,,,,,	. 4	
TOTALS	l	.4	9.1									,,,,,,,,		11.1

	•	
GLUBAL CLIMATOLOGY BRANCH	PERCENTAGE FREQUENCY OF DCCL	RRENCE OF SURFACE WIND DIR

USAFETAC AIR MEATHER SER		FROM HOUSELY DESERVATIONS									
STATION NUMBER:									MAY	427526	.511
UTRECTION											
(DESPESS) I											

- TOTAL NUMBER OF OBSERVATIONS: 492

DECORAL CLIMATOLOGY RANGE PRESSE FREDUNCY OF DOZINSTED LA SAFED CATABLES OF TOTAL CLISS ACTION PROSECUTION OF THE PROSECUTION O

26-35 (66-35) (66-35-76 (66-35-66) (66-66-66-66) (66-66 STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

		744711														
		• • • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • • •	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									
DIRECTION IDEGREES)		4 - 6	f -1 3	11-16			1 1 4 4 4 3 1 5 28 - 33		41-47	43-55	áf 55	13146	4544 414)	-	- —	
٧	. 4	2.9	12.7	23.5	1.5	•••••		•••••			••••	33.2	11.2	••••		
NNE	• ?	. 2	. 4	2.1								?	13.7			
٧ŧ		. 2										. ?	+.)			
ENE	!															
Ĺ	! !															
E 5 E	; -															
5 F	<u>.</u>															
5.5.F	!															
\$	<u>;</u>															
554	; i															
SW	: !	• ?										• ?	5.3			
#5#	į		. 4									. 4	3.3			
•	! !	. 7	1.1									1.3	5.8			
444		2.9	1.6									4.5	5.7		-	
NW	.9	6.5	7.1	. 4								15.4	5.3			
449	.2	5 • 1	18.3	6.7	• ?							31.5	7.2			
3JEA15AV	· · · · · · · · · · · · · · · · · · ·		.2	•••••	• • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • • •	•?	••••	••••		
CALM		///////	,,,,,,,,	1111111	,,,,,,,,	,,,,,,,	111111111	1111111	,,,,,,,	,,,,,,,	,,,,,,,	5.5	111111			
TOTALS	1.9	18.7	+2.9	30.1	1.9							123.3	3.9			
						• • • • • • •										

GLUBBAL CLIMATOLOGY RRANCH PERSENTAGE FREQUENCY OF OCCURRENCE OF SURFACE AIND DIRECTION ALREADS AIND SPICE USAFETAC FROM HOURLY DASERVATIONS
AIN WEATHER SERVICE/MAC

2:3100 0: 35033; 15-44 MONTH: JUL 4045(.511: 04-07-1100) 404-14: 44-55 (75-52 15-71) STATION NUMBER: 616413 STATION NAME: DIRECTION ! 414 y (71 m (UEGREES) | 1.3 7.5 . 7 . 7 7.9 N VE 1.6 3.1 ٧E . 2 3.5 ENF . 2 3.0 . 1 **,** 9 ٠, 2.2 . . 5 ESE . 2 1).7 15.7 S f . 2 . 7 . 9 558 . 4 • 2 1.5 3.1 5 . 4 5.9 1.6 . 7 • 2 55. 3.5 2.4 1.6 5.2 5.3 2.9 1.5 7.3 8.9 1.6 4.7 1.9 5.1 1.1 7.3 3 - 1 9.1 3.1 8.0 12.0 VARTABLE CALM 5.5 ////// 133.3

TOTAL NUMBER OF OBSERVATIONS: 449

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ULUHAL CEIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC DILICA UPIN BURSEN MOLTOSSIC MIN SPARSE OF SURSPRUCCO RO YOURGESTS BEALVIERIES FROM HOLICAL DESCRIPTIONS

STATION NUMBER: 615413 STATION NAME: DATAS SENERAL

PERIOD OF RECORD: 75-84

MONTH: JUL HOURS(LST): 0500-0300

4100 SPEED IN KNOTS

17-21 22-27 29-33 34-40 41-47 43-55 7/ 6/ DIFECTION 1 - 3 4-6 7-10 MEAN WIND (DEGREES) 7.9 5.5 NNE • 2 . 4 . ? 1.2 1.3 ٧E 1.4 4.9 . ? ENE . 4 • 5 7.3 . 2 • 6 • 2 5.7 ESE . 2 11.1 . 2 SF . 4 3.3 • 2 558 . 4 5.7 . 2 . 2 . 2 . 5 13.3 5 S W • 2 . 4 . 4 . 4 • 2 1.5 7.4 _ 5 W 1.0 . 4 1.5 7.4 . 2 2.9 2.4 WSW . 6 . 4 . 2 6.5 5.7 4 2.4 7.1 9.5 • 2 1 + . 2 5.5 5.9 6.3 . 4 13.7 5.9 5.7 9.1 4 . 2 1.0 15.3 7.5 3.3 6.3 13.5 1.5 NVH . 9 VARIABLE CALM 17.2 TOTALS

ULUBAL CLIMATOLOGY PRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE AND OFFICE OF SURFACE AND OFFICE PROPERTY OF SURFACE PROPERTY OF SURFACE AND OFFICE PROPERTY OF SURFACE AND OFFICE PROPERTY OF SURFACE
	STATION NUMBER	: 615417 574	: 3PAR RCITA						CC1F35)F ₹£33₹		-34 1: 3333-	0500
	DIRECTION OUESPIESE		-6 1-1J			13 5255	11 (V)35 28~83		41-47	43-55	3F 55	IDTAL E	MERN CVIN
	٧ ١		2.1 1.4	1.2		• • • • • •	• • • • • • • • •		• • • • • • •		• • • • • • •	4.5	3.0
	NYE 1		1.4 .2									1.5	3.1
	NE I		• 2									• 2	5.3
	E NE		. 9	. 5								. 7	11.5
			•1 •2									5.1	5.4
	ESE I		• 5									.5	4.3
	3E		• 6	• 2								. 5	13.3
	SSE		• 5		• 5							.7	₹.3
	s į		.7 .2									. ?	5.5
	 	• 2	.7 .7		•5							2.1	3. 0
	S#	•? .	1.2	5								3.?	7.4
	n2.4 	. 7	2.3 1.4	• 2								4.9	5.7
	•	1.9	1.6 6.5	. 5	f							23.4	5.1
-	WW	2 • 1	1.6 7.4	.5								17.5	5.5
	NW	.7	1.6 1.2	. 9	1							15.4	7.1
	N N W	-2	3 . 7 3 . 5	1.9	• 5							9.5	3.3
	, jaertsav I jaertsav			····i	• • • • • • •	•••••	• • • • • • • •	•••••	• • • • • • • •		• • • • • • • •		
	CALM	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	11111111	11111111	//////	,,,,,,,,	1111111	(1111111	,,,,,,,	,,,,,,,	14.9	111111
	TOTALS 1	6.5	10.7 33.H	6.1	.,							133.3	5.9
_				• • • • • • • •	• • • • • • • •				• • • • • • •	• • • • • • •		• • • • • • • • •	

TOTAL NUMBER OF OBSERVATIONS: 43

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GERTAGE FREQUENCY OF OCCUPATIONS OF SURFACE MIND DIRECTION MERSUS AIND SMELL SAFETAC FROM HOUSELY DESCRIPTIONS

ATH WEATHER SERVICE/MAC

STATION NUMBER: 61641 O STATION NATE: DARAR SENEGAL 25.000-0200 0.000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.0

	DIRECTION (DEGREES)		4-6	7-13	11-16		12-28 43 25ED			41-47	48-55	37 55	12141	424 v 41 v)	-
	٧	1 •2	1.2	1.2	.8	• • • • • • •	•••••	•••••	• • • • • • •	•••••	• • • • • • •		3.4	9.1	••••
	NYF	<u> </u>	:2	•?									. 4	7.5	
	NE.				• 2								. 4	7.3	
	FNE	•2	•2	.2									. 6	ā • ū	
	!	.2		• 4	• 4								1,3	3.9	
	E \$ E	į		• 2									• ?	13.3	
	۶f	!			•?	. 4							.5	17.3	
	\$\$ <u>E</u>				• 2								. 5	3.3	
	\$!	• 6	-2	• 2								1.0	7.3	
	2 2 M	1.0	1.2	. 8									3.0	5.0	
-	S w		1.4	<u>b</u>				÷					3.)	5.2	
	45+	. 9	4.9	3.6	•2								9.4	5.3	
	•	2.2	10.0	9.2	. 9								22.3	5.3	
		1.8	10.2	5 • 4	• ق								13.3	5.0	
	44	.9	6.0	6.8	. 4								14-1	5.7	
	NYW	.4	3.4	5.6	1.3								13.4	7.4	
	VÁRTARLÉ	! 		*******		••••••	·····	• • • • • • • •		••••••	• • • • • • • •	••••••	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	******
	CALM	,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	1111111	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	11.7	,,,,,,	
	TOTALS	! ! 8.4	39.8	54.5	5.6	. 4							133.3	5.9	

TOTAL NUMBER OF DBSERVATIONS: 498

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NEOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DASERVATIONS

ALL : ITEL SPUCE VOL : HTPOP 11-16 17-25 12-25 19-33 34-42 41-47 DIPECTION ! 4144 (DEURIES) 1 ŧ 4143 17.1 . 4 13.9 1.5 5.5 3.3 **,**) ?.3 NYE 1.1 1.2 NE - 1 . 3 . 3 ENE .0 , Q • 0 3.3 ESE -1 **5** E 3.7 SSE 7.5 - 1 7.7 55 w 1.4 . 0 2.4 7.8 7.3 7.3 2.4 5.3 5.5 13.4 7.3 1.3 5.1 1.2 ٠. 13.5 1.2 _ 6 • 0 • 9 ٠į 3.3 . 5 9.2 2.7 . 3 13.5 N W 5.8 - 1 19.3 - 1 NNW 3.7 4.4 13.0 CALM 7.9 133.3 TOTALS

AIR MEATHER SERVICE/MAC

GLOBAL CETMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF DOCUMENCE OF SURFACE ALIMA DIRECTION VERSUS ALMA 521.0 FOR HOUSE PROFILE PROFI AIR MEATHER SERVICE/MAC

PERIOD OF RECORD: 75-34 MONTH: JUN HOURSILSTD: 2100-2500 11-16 17-21 22-27 28-33 34-40 DIRECTION I 7-13 414 y #143 1 - 3 (DESRIES) 1 1).3 7.1 10.8 NYE . 5 3.3 ENE 4.0 4.5 ESE . 3 11.3 SE SSE s . 3 5 S W • 3 1.5 2.0 3.5 7.1 1.3 2.0 1.9 # S # 1.0 7.1 1.9 6.5 15.9 2.3 8.8 2.5 A M 23.2 7.4 NNW 9.3 2.5 3.2 CALM

PERCEVIAGE FREQUENCY OF OCCUPRENCE OF SURFACE AINO DIRECTION VERSUS AINO SPEED. GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: 75-34 HONTH: JUN HOURS(LST): 1900-2000 4IVD SPEED IN (NOTS 7-13 11-16 17-21 22-27 28-33 34-43 WERW CVIN DIRECTION TOTAL (DESRIES)v 11.3 . 5 . 5 . 5 .. NVE NE ENE 1.3 ٤ 5.6 3.0 7.3 S . 2 SSW . 5 - 7 8.1 7.1 2.1 1.6 . 5 <u>\$</u>₩ . 5 5.3 7.3 2.6 3.1 454 1.5 1.5 3.5 4.0 . 5 444 22.3 9.1 VE 3.1 4.5 • 2 10.1 9.4 NVE 2.3 VARIABLE | 111111 133.3 TOTALS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC UBLEZ CRIM ZUZRBY MOTTOBRIC CRIM BORARUZ AC BORERRUDOC AC YORBURAR BEATRACKSE. ZROTTAVEBERG YURUGH ROKA

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL PERFOU OF RECORD: 75-34 MONTH: UUN HOURS(LST): 1500-1700 #IND SPEED IN CHOIS

UIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 55 TOTAL MEAN (DESREES) | 13.2 11.4 1.5 NVE ٧E ENE ESE SF 558 5 . 3 . 8 3.0 1.0 55₩ 1.3 . 3 . 3 3.1 1.3 1.3 1.0 . 8 . 3 3.7 16.2 9.9 11.3 2.1 N M . 3 21.7 NNE 11.0 CALM i.....i. 111111 100.0

CELE CHIN SURFLY HOLITOFRIC CHIN FRAFICS OF SURFRESS OF YOU'LESPEN CATALISES. GLOBAL CLIMAFOLDGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

•	ATR SEATHER SE	* AICE > HAS													
	STATION NUMBER	C10010	VOITATE	NA 4E :	DAKAR SE	NESAL				DESTOD HINCH	DF RECOR		-34 T): 120)-	1433	
	DIRECTION (ODEGREES)		4-6	7-13	11-16			IN (WOT)		41-47	48-55	\$E 55	13[4L 4	414. 414.	<u></u>
	٧		1.3	5.9	5.4	1.1							14.3	13.7	
	NYE		• 7	1.1	2.9								4.7	11-1	
	ME		• ?	. 4	.4								1.1	9.4	
	E VE														
			1		• 2								. 9	5.5	
	ESF														
	SE			• 2	• ?								. 4	11.5	
	S <u>S</u> E		2		. 4								.7	į 3.7	
	١		.?	. 4	.4								1.1	9.4	
	SSW		. 9	2.9									3.3	3.2	
	<u>\$</u> w	.,,		3 . 8	,,								5.3	7.5	
	NSW		1.1	3.6	1.1								5.9	9.7	
	•		2 • 2	4.3	2.2								3.7	3.7	
	# N W		2.9	8 - 1	1.8								12.3	3.7	
	NW	.2	3 . A	13.7	3.6		•?						13.5	3.9	
	NNw	•2	2.2	12.1	4.7								19.2	₹.2	
	VARIABLE	· · · · · · · · · · · · · · · · · · ·			••••••			•••••	• • • • • • •			•••••	••••••		•::::
	CALM	,,,,,,,,	,,,,,,,	1111111	.,,,,,,		,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	1.3	,,,,,,	
	TOTALS	1.1	17.4	>4.6	24.2	1.1	. ?						133.3	9.1	

GLOBAL CLIMATOLOGY BRANCH PERCEVIAGE FREQUENCY OF OCCURRENCE OF SURFACE AIND DIRECTION VERSUS AIND SPEED USAFETAC FROM HOURLY DESERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •							· · · · · · · · ·			•••••	• • • • • • • • •	• • • • • • • • •	• • • • •
DIRECTION (DEGREES)		4 - 6	7-13	11-16			14 4V21 28-33		41-47	49-55	3E 55	TOTAL	MAIN CMIN	
٧	! .3	2.1	9.1	4.5	•••••	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •		14.9	7.5	• • • • •
. <u>NYE</u>		1.0	1.6	2 • 4								5.1	13.1	
NE	.5	• 5	1.3	.8								3.1	3.8	
ENE			. 5							١		.5	7.5	
. <u> </u>	3				. 3							. 5	10.0	
ESE		. 3										. 3	5.0	
SE		. 5										. 5	4.0	
<u></u>	3		• 5									. 9	5.3	<u> </u>
\$	1													
SSW	.3	. 8	- 5	. 3								1.3	5.4	
	. 3	2.1	1.6	. 5								4.5	1.2	
n S n		2.6	2.4	.5								5.5	7.4	
d	.8	6.5	5.5	1.9								14.7	7.4	
<u>₩</u> ٩₩		5.8	5.5	. 9							_	12.3	7.2	
NW	-3	5.5	8.1	1.3								14.9	7.4	
NYW	.3	2 - 1	8.6	3.4								14.4	3.2	
3 J GA I FAV	· <u> </u>		• • • • • • • •	*******		• • • • • • • •	•••••	• • • • • • •	••••••	•••••	••••••			·==: _=
CALM	Jumin	,,,,,,,	,,,,,,,	,,,,,,,	1111111	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	5.5	,,,,,,	
TOTALS	3.4	29.6	44.2	16.3	. 3							133.3	7.5	
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •						• • • • • • •			• • • • • • •			••••

TOTAL NUMBER OF OBSERVATIONS: 35

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LLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC PERSENDATE FREQUENCY OF DECURRENCE OF STREAMS WIND DIRECTION MERSUS AIND SPEED.

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84

3121101 1011021	010413	3141101	1-12.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	12342				HTPCP	אחר	4374215	ri: 3500-	3333	
	• • • • • • • •	• • • • • • • •		• • • • • • •		NO 52560	SICKA VI	• • • • • •	• • • • • • • •	• • • • • • • •	•••••	• • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • •
 DIRECTION IDESPIES)		4-6	7-13	11-16			28-33		41-47	49-55	35 55	FOTAL	NASM CVIL	
١	-2	2.3	5.5	1.9		•••••	• • • • • • • • •		•••••	• • • • • • • •		9.9	3.7	••••
 N V E		• 2	2 • 1	• 5								2.7	9.7	
NE		• 2	. 7	. 5								1.4	3.7	
ENE			. 5									.5	13.3	
٤		• ?										• 2	4.3	
ESE		. ?	• 5									.1	1.7	
SE		.5	• 2									. 7	7.5	
 5\$E		•3	• 5									.1	7.7	
\$	i	.9	. 7									1.5	7.0	
SSW	; 	• ?	1.1									1.4	3.2	
SW		1.4	1 - 6	• 2								5.4	7.2	-
MSW	.5	2 • 1	2 . 5	• 2								5.3	5.7	
-	1.5	5.7	3 - 0	• 5								11.0	5 . 9	
 	1.0_	6 • 6	3 • 0	• 5								11.7	5.3	
٧	.5	7 - 1	5.9	. 9								14.4	5.9	
NVW		4.8	9.8	2.5								17.2	3.2	
 VARIABLE	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		•••••				• • • • • • • • •	•••••	• • • • • • • •	• • • • • • • •	• • • • • • • •	٠٠٠٠٠٠		• • • • • • • • • • • • • • • • • • • •
1	i . , , , , , , , , , , , , , , , , , , ,	,,,,,,,,	////////				,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,		,,,,,,	
TOTALS	4.9		37.8	7.6	. 2							133.3	5.1	
	i 													

PERSENTAGE FREQUENCY OF DOCURRENCE OF SURFACE WIND DIRECTION VERSUS AIND SPEED FROM HOURLY DBSERVATIONS GEUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL DIRECTION (DESPEES) | N 1 7.3 2.8 1.1 . 6 1.3 1.4 . 3 13.1 1.4 3.7 NNE ٧E ENE . 3 1.3 . 3 . 3 . 3 5.3 ESE . 3 . 3 4.3 SE 7.5 . 3 . 3 . 5 . 3 1.1 14.3 5 \$ E . 3 • <u>6</u> s . 5 1.4 7.5 .6 . 3 SSW 2.2 9.5 • б 1.1 SW 1.1 1.5 4.5 5 . 3 . 5 3.1 . 8 12.1 5.7 4 9.3 . 3 5.7 1.1 8.1 1.1 15.3 5.5 5.3 VARIABLE CALM 133.3

GLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC CITES LIMIN SESSIN MOTOTORNIC CINI SARRING OF YORLINGER SCATIFICASES OF YORLINGER ACES

	STATION NUMBER	7: 615410	V C I I A T Z	N44E:	DAKAR SE	VESAL				964100 94146#	DF RECOR		-3+ [1:))))-	3533	
	DIRECTION (DEGREES)		4 - 6	<i>I</i> -1 3	11-16			14 44315 28-33		41-47	48-55	úE àá	T2[4]	MEAN WIND	
	٧	. 5	1.6	5.2	1.4 /			• • • • • • • • •	•••••		• • • • • • • • •		7.3	7.1	••••
- · · · -	NyF		+?-	1 - 1	• ? ;								2.3	3.2	
	NE			.?	.5								. 7	15.3	
	ENE														
			:1										,1	5.3	
	EšF														•
	>F			• 2									• ?	13.3	
	\$5E			<u></u> <u>• 5</u>			-						<u>.</u> 5	3.3	
	\$	•5	. 7	. 5	. 2								1.5	5.5	
	55W		.5	1.4									1.8	7.9	
	SW	7	1.1	1,1									3.0	5.3	
	#5#	.5	2 - 1	. 7									3.2	5 - 5	
	•	1.9	7.7	3.4	.5	• 2							13.7	5.3	
	jaan	2.1	1:5	. 3.2		. 2							13.3	5.5	
	VW	1.4	6.7	6.7	1.5								17.3	5.7	
	нин	1.1	5.5	→.1	2.5								13.2	7.5	
	PARTARE		••••••	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	••••••	•••••	••••••	••••••	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	•••••	•••••
	CALM		,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	14.1	,,,,,,	
	TOTALS	1 8.2	36.9	\$ 2 . A	6.9	1.1							133.3	5.9	

TOTAL NUMBER OF OBSERVATIONS: 439

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GLOBAL CLIMATOLOGY BRANCH BSAFETAC DESCRIPTIVE ALERSA MOLTOSKIL CMIN EPARKUS AC BOMERRUSODO AL YOMELGERRA BEATMESPAR ZMOLTAMBRESEC YERNOM MORA AIR WEATHER SERVICE/MAC

AL 23100 OF RECORD: 75-85 MONTH: MAY HOURS(LST): ALL AINO 52EEO IN 4NOTS -21 22-27 29-33 34-40 41-47 48-55 JE 55 FOTAL MEAN STATION NUMBER: 615413 STATION NAME: DAKAR SENERAL DIRECTION 7-10 PPEN CVIN .0 .0 12.3 33.2 4145 • 1 2.2 3.9 12.3 NE . 3 **.** 0 F 45 ESE • D SE • 0 <u>5</u>58 9.3 s . 1 • 9 SSW . 3 . 1 • 0 - 1 W 5 W • 3 . 3 - 1 • 3 . 3 1.3 . 9 . . 44 . 3 3.5 7.4 2.8 . 0 3.3 12.2 9.9 NVW . 3 3.6 13.1 SJEATSAV CAL 4 4.3 ///// TOTALS

PERCENTAS, FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION WERSUS WIND SPEED FROM HOURLY DASSERVATIONS CLIBBAL CLIMATOLOGY BRANCH USAFLIAC AIR WEATHER SERVIC:/MAC

STATION NUMBER	. 0.3.73		• • • • •						HONTH:	7NF ⊃Ł 4EC⊅4		-34 1): 1200	1 4 3 7
 	1 - 3	4-6	7-13			40 52EE)	IN (NOTS	•	41-47	49-55	3E 55	TOTAL	HEAN
										• • • • • • • • •			#[4]
, !	• ?	2.2	5.1	3.3								12.4	7.1
NVE			• 4	1,5								2.4	11.3
NE		. 4	1.0									1.4	7.6
ENE		• ?										. 2	5.0
	+?	.6	1.0		• 2							2,3	1.5
ESE	•?											. 2	3.0
3¢			• 2									. ?	7.3
SSE		?	• 2									.4	5. 3
۶ ا		. 4	. 4	. 4								1.2	7.3
224	• 2	1.2	2 • 2	. B								4.5	3.3
_ SW .		1.6	3.3	• 9								5.1	3.5
wsw !	• ?	2 - 4	5.7	• 6	• 2							3.5	3 . 1
		3 • 1	9.0	3.7								15,7	₹.3
		_ ? • ?	6.3	2 • 9								11.9	3.7
NH [. 4	2.9	6.5	3.7								13.4	3.3
ן המא		2.9	9.4	4.5	.4							17.1	7.4
I HIGATFAV		• • • • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • •	• • • • • • •	• • • • • • •		••••	•••••	• • • • • • • • •	
i	,,,,,,,,,	///////	.,,,,,,,	,,,,,,,	1111111		,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	?.3	,,,,,,
101ALS	1.9	20.8	>2.3	22.2	. 9							122.2	3.7

UFICE UNIA SUBFINA MOTTOBRIC DVIN BORARUS PO LOVISRUUDO PO POMILUGIAR BERNIERIO EROTTANFIZEE VIRUEH MORR GEOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL PERIOD OF RECORD: 41NO 52ECO IN KNOTS 11-16 17-21 22-27 28-33 54-40 DIRECTION 1 41-47 48-55 35 55 42 4 W COEGREES! 2.5 1.9 1.1 . 4 1.5 13.3 . ? 5.3 . 2 • ? 13.7 3.) SSE 4.5 5 . 9 . 4 1.3 13.5 554 . 7 3.6 1.9 1).) , 9 2.2 7.3 7.1 2.7 11.2 7.2 3.4 9.2 4.3 ¥.2 15.5 3.6 8 . 3 2.7 3.7 2.9 N M 1.6 NAM 1.1 3.1 1.3 ////// 133.3 7.2

GLOBAL CLIMATOLOGY BRANCH PERSENTAGE FREQUENCY OF DECURRINGE OF SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETAC FROM HOTREY DISERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 616410 STATION NOTATE DAKAR SENEGAL

PERIOD OF RECORD: 75-84 MONTH: JUL HOURS(LST): 1800-2003

•	• • • • • • • • • • • • • • • • • • • •		• • • • • • •	• • • • • • • •			NO SPEED	IN ANDIS	• • • • • •	• • • • • • •	• • • • • • • •	••••••		• • • • • • • •	• • • •
	OFURIES)	1-3	4-6	1-13	11-16	17-21		28-33	34-43	41-47	49-55	3E 55	TOTAL	V # 3 P C V 1 m	
•	٧	!	.2	1.6	.3	•••••	•••••	•••••		• • • • • • •	• • • • • • •		2.5	13.3	••••
	NYE		-	• ?	• 2								. 4	11.5	
	νŧ	.?		• 2									.4	5.5	
	ENE														
	t			. • 4									• 9	1.5	
	ESE	! !													
	\$E	į	. 2										. 2	4.0	
	. 556			• 2									.2	13.7	
	\$.2	• 2	- 8	. 4								1.6	3.9	
	55H	.2	1.2	1 - 4	• 2								3.3	7.5	
	2 #		1 • 2	. 4 • 2	4								5.5	7.9	
	#5#		4.6	6.7	1.3								12.3	7.6	
	•	į	7.3	13.5	3.3								25.3	3.1	
	EVB		4.4	9.5	2 • 6								17.1	3 • 2	
	48	į	5 . B	11.3	2 • 8								53.3	3.3	
	444	i 1	1.6	5.6	2 • 2	• 2							7.7	9.2	
•	BJEATRAV	!	•••••			•••••	•••••	• • • • • • • • •	•••••		• • • • • • • •	• • • • • • •		• • • • • • • •	••••
	CALM		,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,		,,,,,,,	1.4	,,,,,,	
	TOTALS	1 1.9	21.2	55.6	13.7	• 2							100.0	3.1	

TOTAL NUMBER OF OBSERVATIONS: 476

.

:

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE AIND DIRECTION VERSUS AIND 52ED USAFETAC. FROM HOURLY DISCENTATIONS.

	STATION NUMBER	C[#3[d :8	VCITATE	NA4E:	SARAR S	ENESAL				GC1839	OF RECOR		-34 !): 2103-	2300	
	• • • • • • • • • • • • •		•••••	• • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	· · · · · · · · ·		• • • • • • •	• • • •
	DIRECTION ((DEGREES)					17-21		1645 NI 58-62		41-47	49-55	SE 55	13146	MEAN CMIN	
	· · · · · · · · · · · · · · · · · · ·				• • • • • • • •		• • • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •			•••••	• • • • •
	,	•2	. 4	1.5	• 4								2.5	5.1	
	NNE		2	• 2									. 4	5.0	÷
	Nf	İ	. 4	• 2									. 7	5 + 3	
	ENE		• 2										• ?	5.0	
				2									• ?	13.3	
	ESE		. 4										. 4	5.3	
	2 E			• 2									• ?	13.3	
	<i>S & E</i>	<u> </u> 2						ē					• ?	3.3	
	5		.7	. 9									1.5	7.6	
	55#		• 9	1.3									2.?	7.7	
			9:9	. 1.5	• 2								5.5	5.0	
	#2A	,9	4.9	3.5	. 4								9.7	5.5	
	4	1.1	11.5	1.7	1.5								?1.9	5 . 9	
·	- AAR	1.3	7.5	8 • 2	1 • 8								13,5	7.0	
	NW	.4	6.4	7.3	1.1								15.2	7.1	
	NAM		5.1	5.7	1.1	• 2							12.1	1.5	
	VARTABÉE	· • · · · · · · · · · · · · · · · · ·													•
	(864	111111111	,,,,,,,,,	1111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				,,,,,,,	,,,,,,,	5.3	,,,,,	
	TOTALS	4.2	43.5	38.6	6.6	• ?							133.3	5.5	

LEGGAL CLIMATOLOGY BRANCH PERSENTAGE FREQUENCY OF OCCURSPICATE AND STREET ACTION VERSES VIOLATION OF THE CONTRACT OF THE CONTR

•	UŞAFETAC AİR WEATHER S	ERVICE/MAC					FROM	4374FA 3	14VF32E1	2001					
	STATION NUMBE	₹: 61541)	STATION	NA4E:	DAKAR SE	NESAL				CCIFSC HTVCM	JUL JUL); 75 4)484(£\$	-34 [): 4L	. L	
	OIPECTION (DESRIES)		4-6	7-13	11-16	41\ 17-21		IN (NOTS		41-47	48-55	SE 55	73TAL	PAIR CVIL	
	٧	.1	1.2	3.0	1.2	. 0		• • • • • • • •	•••••			• • • • • • •	5.5	3.5	• • • • •
	NNE	<u> </u>	- 5	.4	9								1.4	9.5	
	N.E.		. 3	• 2	.0								.1	٥٠٥	
	ENE		-1	• 2	•1								.5	3.2	
	<u>£</u>	!		5	1	•0							1,2	7.3	
	ESF	į	. 1	. 1	. 3								. 3	7.3	
	SE		• 1	• 2	-1	• 1							.4	11.5	
	5\$E			• 2	1	• 9							. 6	7.4	
	5	.1	•5	.5	• 2		. 3						1.3	7.9	
÷	S S #	.2	1.0	1.4	• 5	- 1							3.2	3.3	
		-2	1.8	2.4	_ · · · • •							-	5,1	7.6	
	W5 W	.5	3.4	4.1	. 9	-1							3.7	7.4	
	•	1.0	7.3	9.3	1.9								17.5	7.4	
		1.2_	5.9	?.3	1.6		_						15.7	7.4	
	NE	.4	4.9	8.6	2.3								15.7	7.9	
	NNW	.2	3.0	6.8	2.2	.1							12.3	3.5	
	BLEATERV	· · · · · · · · · · · · · · · · · · ·	*******	• • • • • • • • •		*****	•••••	• • • • • • • •	• • • • • •	•••••	•••••	• • • • • • • •		12.0	*****
	CALM	i <i>,,,,,,,</i> ,,	,,,,,,,	///////	,,,,,,,,	////////	""""	,,,,,,,,	,,,,,,,	///////	,,,,,,,	,,,,,,,	7.7	,,,,,,	
	TOTALS	4.2	30.7	45.3	11.7	• 5	• 0						100.0	7.2	

GEOGRE CLIMATOLOGY BRANCH USAFETAC CERCE ONLY SURFACE FROM TOTAGE OF SOME FOR TOWER OF TOWERS FROM FOR THE PROPERTY OF THE PROPER

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL CUA : HIVOP 43J7S(LST): 3333-3233 #IND SPEED IN (NOTS 1 22-27 28-33 34-40 17-21 DIRECTION TOTAL MEAN (DESREES) | Ł 4140 5.7 2.3 • 2 2.1 5.3 NNE . 2 . 5 +.7 ٧E • 2 • 2 13.3 ENE . 3 5.5 - 8 1.5 ESE . 2 . 5 - 4 4.3 SE . 2 3.7 5 2.7 SSW 1.5 2 • 1 **W**SW 1.3 3.5 2 - 3 1.5 15.8 **H** 4 H 1.0 8.9 5.6 44 12.3 NVW 1.0 CALM 133.3

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERSONNAGE FREQUENCY OF DESPRESSED OF SURFACE ALMO DIRECTION VERSUS ALMO SPECE FROM HOUSE BASER ALMO SPECE ALMO SPECE ALMO DIRECTIONS OF SURFACE ALMO SPECE ?5-3400 OF RECORD: 75-34 MONTH: AUG - 40URS(LST): 0300-0500 STATION NUMBER: 616413 STATION NAME: BAKAR SENESAL STORN OF CBBC COIL DIRECTION I 17-21 22-27 28-33 V A S P C V I W (DEGRIES) | 7 9.0 5.3 • 5 1.1 . • ? 2.5 5 . 5 NE 1.1 5.0 . 7 4.7 . 7 ·. 1 . 2 • 2 . 7 SE • 5 13.3 s 2.3 SSW 1.8 . 9 2.3 . 5 3.7 1.1 7.3 13.9 12.4 NW . 5 5.3 6.4 1.1 13.3 7.3 NYW 5.0 4.8 11.5 VĀRĪABĒĒ CALM TOTALS

GLOBAL CLIMATOLOGY BRANCH UŞAFLTAC AIR WEATHER SERVICE/MAC PERGENTAGE FREQUENCY OF DECURRENCE OF SURFACE AINO DIRECTION VERSUS AINU SPECU.

STATION NUMBER: 616410 STATION NATE: DAKAR SENEGAL

>53100 OF 350030: 75-34 MONTH: AUG HOURS(LST): 3500-3303

		• • • • • • •	•••••				TV KVOT		• • • • • • •		• • • • • • •	•••••	•••••	••••
DIRECTION IDE PRESE!	1-3	4-6	7-10	11-16	17-21	22-21	28-33	34-43	41-47	48-55	3E 55	TOTAL	VA JE CVIE	
N ,	• ?	2.5	4.7	1.3	•••••	•••••	•••••	••••••				3.4	3.2	• • • • •
NYE			1-9	•								2.7	5.6	
NE	• 2	• 8	. 4	. • 2								1.5	5.8	
ENE	• 2	• 6	• 2	• 2								1.?	7.2	
			1.2	2								\$ • 8	5.9	
ESE	• 4											.4	3.3	
\$E	.4	. 6	• 2									1.7	4.9	
\$ \$ E	<u>•</u> b	•2	• 6									1.4	5.5	
s į	• ?	. 4	1.0									1.5	5.6	
22.0	.4	1.4	. 4	. 4								2.7	5 . 2	
	2	1.9	1 • B	1.		-						3.9	1.7	
nzn i	.4	4.1	2 • D									5 • 6	5.8	
	2 - 3	6 • 1	2.5	. 4								11.3	5.5	
<u> </u>		5.5	3 • 3					-				13.5	5.4	
, NU	1 • 2	4.9	6.8	. 6								13.5	5.9	
NVW	. 9	4.5	4.3	1.0								13.7	7 • 2	
VARTABLE I			••••••	• • • • • • • •	• • • • • • •		•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • •	••••••	•••••	• • • • •
CAL M	,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	////////	,,,,,,,	19.5	,,,,,,	
TOTALS 1	9.5	36.1	30.5	5.3								133.3	5.3	

PERCENTAGE FRUIDINGY OF OCCURRENCE OF SURFACE ALMO DIRECTION VERSUS ALMO SPECE ULOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

AIR MEATHER S	ERVICE/HAC													
STATION NUMBER	9: 616413	CLIATS	NA45:	DAKAR SE	NE 2 ME				DELLAGE HIVOF	OF RECOR		-84 [}:]?]]-	1133	
************	1	• • • • • • •	• • • • • • • •			IND SPEED	IN (NOT		• • • • • • • •	• • • • • • •	•••••	• • • • • • • • •		• • • • •
 DIRECTION IDESPEES)		4-6	7-13	11-16	17-21	22-27	28-33	34-43	41-47	48-55	35 55	19161 \$	NASM CVIG	
ν	!	1.5	6.3	1.0	•••••	••••••	•••••		•••••	• • • • • • • •		3.9	3.7	••••
 NNE		1.5	2 • 4	1.2								4.9	3.5	
NE	<u>!</u>	1.0	. 7									1.7	5.7	
ENE		.7	1.0									1.7	7.1	
 <u> </u>	ļ <u>.</u>	1.2	1 . 7 .	, •2								3.9	5.9	
₹5€	• 2	1.0	.5									1.7	5.5	
SE	<u> </u>	•2	. 5	. • 5	•							1.2	7.5	
 558	! 	• 2	5							-		1.5	7.9	
s	.5	1.3	• 2									1.7	4.9	
5 S W	.5	2.2	1.2	, .7								4.5	5.9	
 	! <u>-5</u> _	1.0	1.2	<u></u>								3.4	3.1	
WSW	.7	3.7	2.7	j•3								3.3	1.3	
	.5	4.6	5.4	.7								11.2	7.3	
 <u> </u>	.2	3.7	3 • 2	1.5								3.5	7	
NH	• 2	4.4	6.8	1.7								13.2	7.7	
NVH	.7	4.1	7 . 8	3.2								15.9	3.5	
 3JBAIFAV	; :	******		:::::::	•••••		•••••	• • • • • • •	•••••	• • • • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	
	i \ <i>!!!!!!!!!</i>	,,,,,,,	,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	11////	,,,,,,,,	,,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	9.0	,,,,,,	
TOTALS	1 4.9	32.0	+2.2	12.9								133.3	7.1	
 	!			,										

GLOHAL CLIMATOLOGY BRANCH USAFLTAC AIR MEATHER SERVICE/MAC CEERS CHIN ZUZFEN MOITCERING CHIN ECAFFUS TO ECHERPOSO TO YOUGERF BEATMECRES

STATION NUMBER: 615413 STATION NATE: DAKAR SENEGAL

PERIOD OF RECORD: 75-34 MONTH: AUS HOURS(LSTI: 1200-1400

									HONTH:	AUS	13032(28	11: 1200-	140)	-
) <u>. </u>		• • • • • • • •	•••••			IN ANOTS			• • • • • • •	•••••	• • • • • • • •	• • • • • • • •	
DIRECTION (DESPEES)		4-6	7-13	11-16	17-21	22-21	28-33	34-43	41-47	48-55	GE 55	10146	VASM	
N I	.2	1.9	4.8	1.9	- 2	• • • • • • • •	· · · · · · · · · · · · · · · · · · ·	•••••	•••••	•••••	••••••	7.1	7.5	••••
. NAE		. 2.3	5 • 1									4.4	7.3	
NE	• 2	1.1	1.3	• 2								2.7	7.1	
ENE	.2		. 8									1 - 1	7.9	
£	<u> </u>	8	• 2	•2								1.3	5.7	· · -
343	į	• 2	. 4	• 2								. 9	7.5	
SE	<u> </u>	• 2	1.1	• 2								1.5	7.4	
<u>5</u> 56	ļ. <u> — </u>	2	1 - 1									1.3	3.0	
5	•?	1.3	2.5	. 9								*•9	3.3	
SSW	.4	1.7	2.9	1.7		• ?						5.9	3.6	
<u>.</u>	2	3.2	3 . 8	1.1								9 • 2	7.7	
wsw	 	2 • 1	2.9	1.5								5.5	3.4	
•	.5	4.4	5.5	1.3	• 2							15.3	7.7	
<u>""""""</u>		3.8	4.6	1.9								13+3	3.4	
NU	i 1	3.8	7.8	2.5								14-1	3.2	
NAM	•2	2.3	6.5	2.1	. 4							15.5	7.1	
VARIABLE I		•••••	• • • • • • • •	•••••	• • • • • • • •	• • • • • • • •	• • • • • • •	•••••	••••••	• • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	*****
CALM	,,,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	///////	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	2.7	111111	
TOTALS	l . l 2.1	29.3	+8.4	16.2	. 8	• ?						133.3	3.0	

LEOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC SESSIVITATE PRESHENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED

STATION NUMBER: 615410 STATION NAME: DAMAR SINESAL

>ERIOD OF RECORD: 75-3+ MONTH: AUG HOURS(LST): 1500-1700

• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • •		 NO SPEED	1CV) VI	•••••	• • • • • • • • • • • • • • • • • • • •	•••••			•••••	••••
 DIRECTION (DEGREES)	1-3 	4-6	7-13	11-16	17-21		29-33		41-47	49-55	†55	1 21 4 L	MERN WIND	
	!	. 9	3.5	2.9	• • • • • • •		• • • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •		7.3	7.7	••••
 NNE		.5	. 9									1 - 4	7.3	
NE	!	• 2	. 7	. 2								1.2	3.9	
ENE	!													
 <u>.</u> <u>.</u> .	.5_	•5		2								1.2	5.0	
ESE	•	• 5										•?	5.3	
SE			5									. 5	13.3	
 3 <u>.</u> 2	<u> </u>		. 9		* w		-					1.9	13.5	
5	•2	. 9	2.8	1.4								5.4	→.1	
5 S W	į	1.9	4 • 2	2.4								9.5	7.3	
 <u>Sw</u>		2.8	3 . 1	1 - 4								7.3	3.3	
ASA	-5	3.5	. 5.0	•5								7.4	7.4	
•	.9	3.1	C.8	1.7								13.7	3.1	
 HAR	.2	1.9	6.4.	2 - 1								13.5	3.5	
N W	!	4.0	1.3	2.4								13.7	3.5	
NVW	.,	3.3	10.4	1.7								15.7	3.4	
VARIABLE	!	<u></u>	::::::::	******	.2		••••	• • • • • • •	• • • • • • •	•••••	••••••	.?	23.3	•••••
CALM		,,,,,,,	,,,,,,,	1111111		,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	//1////	1.4	,,,,,,	
TOTALS	1 3.1 	23.A	33.8	17.7	• 2		•					133.3	3.4	
 		· · - · · · · · ·												

GLOBAL CLIMATOLOGY BRANCH PERZENTAGE FREQUENCY OF OCCURRENCE OF SURFACE UNID DIRECTION CRESS WIND SPEED USAFETAC FROM HOUSEY DISSERVICE/MAC

STATION NUMBER: 615413 STATION NAME: DAKAR SENESAL CCCS-CCE1 : 15-34 CCCS-2C CC125C CCC25C

						. 		 .	104111			17: 1333-		
		4-6	7-10	11-16					41-47	48-55	3E 55	TOTAL	PA3M CVIW	· ·
١	.4	1.7	2.9	1.1	• • • • • •				• • • • • • •	•••••		5-1	7.3	• • • • •
NYE			. 6									. 3	9.8	
NE		• 2	• 2									. 4	5.5	
FNE	• 2											• 2	2.3	
المالسة فالما			. 2									• 5	5.7	
ESE			• 2									•2	3.3	
SE														
<u></u>			• 4.									1.1	5.3	
١.		• 2	1.1	.4		?						2.5	9.9	
55%	•2	1.9	3.4	1.5								5.9	a.5	
_ \$.		5 • 4	5 , 5	9								7.7	7.5	-
No.	.6	3 . 8	5.5	1.5	1							11.3	1.5	
•	.4	4.6	8.2	.8	!							14.1	7.7	
<u> </u>	1.1	6.1	7:9	. 5		?						15.9	7.4	
14	.2	4.8	9.	1.5								15.2	3.3	
NNA		2.1	6.7	2.1								13.9	3.9	
Î BJÊATFAV	********	••••••	• • • • • • • • •	: • • • • • •	• • • • • •		• • • • • • • •	• • • • • • •	••••••	• • • • • • • •		•••••	• • • • • • • •	
CALM 1	,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	3.2	,,,,,,	
TOTALS (3.4	29.6	,3.2	10.3								133.3	7.5	
	(DEGREES) NYE FIVE FIVE SSE SSE SSN NOW NOW VARIABLE CALM	OESREES	COESREES	OESREES	OE GREES	DIRECTION 1-3	DIRECTION 1-3	DIRECTION 1-3	TOE SPEES	DIRECTION 1-5	DIRECTION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 V	DIRECTION 1-3	Direction 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 52 55 1314	Direction 1-5 4-6 7-10 11-16 17-21 22-27 28-35 34-40 41-47 48-55 52 55 1314 4149

UPPRE CHIN BURRY NOTTORNIC CHIN BOARRUS OF BONTRUCOC OF YOMBURRE BEATHBORDS. JEOBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

	OIRECTION (DEGREES)		4-6	7-17	11-16			29-33		41-47	48-55	31 55	13141	6436 C616	
,	٧	! !	1.4	3.1	• 5						• • • • • • • •		5.0	3.0	•••••
	NVF .		• 5	• 3									. 7	5 • 3	
	NE				- 2								• ?	1+•3	
	ENE	į		• 5									. 5	13.3	
	£ _			• ?									• ?	13.3	
	ESE														
	5 F	į	• ?			• 2							1.3	7.0	-
	<u>SSE</u>				• <u>·</u> · 2 .								.7	5 . 3	
	>	į	1.7	1.0	• 2								2 • 4	7.4	
	55 H	-7	2 • 4	2.4	• 2								5.3	5 - 9	
	S# , ,	1.2	3.6	2.9	• 5								7.9	5 • 4	
	HSH	.7	2.9		. 7								4.3	5.7	
	•	1.2	8 • 2	4.3	1.3								14.7	5.4	
	<u>WVW</u>	·	<u>\$•</u> 5	<u> 6 • 7</u>	<u>• 5</u>	-							13.5	5.9	
	44	.,	7.9	5 - 5	. 7								14.9	5.6	
	NAM	.,	3.6	7.9	1 - 2								13.5	7.9	
	SJEATFAV	! !				•••••	•••••	•••••	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • • • • •	• • • • • • • •	••••
	CALM	,,,,,,,,,	,,,,,,,	,,,,,,,,	////////	,,,,,,	,,,,,,,,	///////	,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	14.7	/////	
	TOTALS	6.0	38.7	34.9	6.3	• 2							133.3	5.9	
		•													

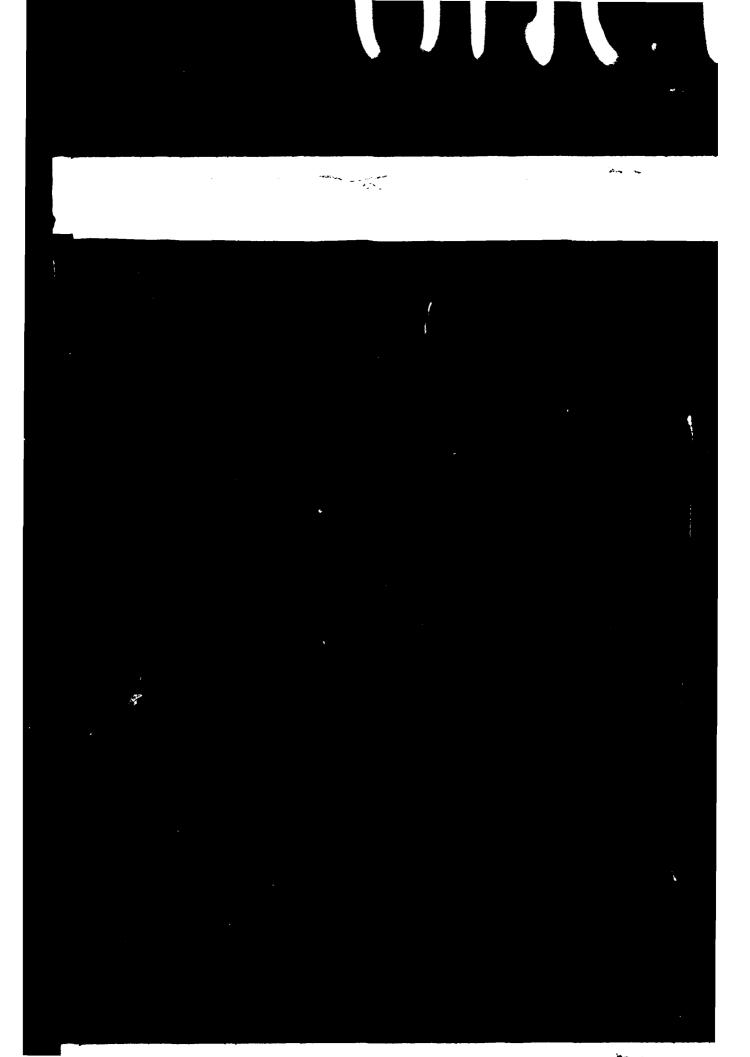
CIPES CALLA STREET ACTIONNESS NO CONTRACT OF ACTION ACTION ACTIONS OF ACAILAGE STREET STREET, STREET STREET, ACTIONS OF ACTION ACTIONS OF ACTIO GLOBAL CLIMATOLOGY REANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-94
MONTH: BUS 400RS(LSTI: BLL

#IND SPEED IN KNOTS
17-21 22-27 28-53 34-40 41-47 48-55 75 77 DIRECTION COESRIEST 1 • 0 5.9 NNE 1.0 1.1 . I 2.2 7.3 NE . 5 . 1 1.2 7.1 . 3 ENE ٠2 1.5 r s E . 2 . 5 5.3 SE . 1 • 5 • 0 . 7 1.1 SSE • 2 . 2 1.2 3.3 • 0 2.7 3.1 7.5 2.5 7.3 5.3 7.3 5.8 . 5 1 . 2 . 3 13.? 5.9 . 3 12.2 1.2 5.0 1.0 1.4 15.9 1.5 5.7 . 1 3.3 VARTABLE .) 23.0 CALM 13.3 ////// 133.7

DAKAR SENEGAL LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCS) PARTS A C-F(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. SEP 85 USAFETAC/DS-85/048 2/3 AD-A159 606 NŁ UNCLASSIFIED



2·5 2·2 2·0 1·8 2·8 3·15 23·5 12 3·5 12 4·0 12 4·5 1.25 1.6

GLOBAL CLIMATOLOGY BRANCH PERSENTAGE FREQUENCY OF DOCUMENTAGE OF STATEMENT COULD BEAUTHOUS FROM HOURLY DESCRIPTIONS ATM MEATHER SERVICE/MAC

⇒ERIDO DE RECORD: 75-84 MONTH: SEP HOURS(LST): JODD-0200 STATION NUMBER: 616413 STATION NAME: DAKAR SENESAL «IND SPEED IN KNOTS 17-21 22-27 28-33 34-40 DIRECTION I TOTAL ¥### €#1₩ 1-3 7-13 11-16 5.3 3.9 NNE 1.5 . 4 2.5 3.5 N.E . 9 1.7 7.4 ENE 1.1 5.5 . 7 3.3 ESE . 2 1.1 1.6 5 8 . 2 . 5 11.7 _ <u>\$ ></u> E • ?___ 1.5 • 9

- | 1.3 7.5 2.6 .4 | 11.9 5.5 | 11.9 5.5 | 11.9 5.5 | 11.9 5.5 | 11.9 5.5 | 11.9 5.5 | 11.9 5.5 | 11.9 5.5 | 11.9 5.5 | 11.9 5.5 | 11.9 5.5 | 11.9 5.5 | 11.9 5.5 | 11.9 5.5 | 11.9 5.5 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 11.9 5.1 | 1

TOTAL NUMBER OF OBSERVATIONS: 457

s

55 W

_ SW _ SW

1

. 6

2.4

. 6

-- -

148

2.4

3.3

4.1

3.5

5.8

5.5

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREGUENCY OF OCCURRENCE OF SURFACE ALMO DIRECTION VERSUS ALMO SPEED FROM MOUNTED DESCRIPTIONS

Olrection (Degrees)		4-6	7-10	11-16		22-27 22-25			41-47	49-55	3E 55	FOFAL	ME4N CVIb	
٧	- 3	3.5	1.9	••••••	• • • • • • •			••••••			• • • • • • •	5.7	5.5	•••
NYE			. 1.1									2.7	5.4	
٧E			. 3				. 3					.5	13.5	
ENE	•5	1.1	. 3	• 5								2.4	7.3	
		1.1.	5		3							3.0	9.9	
_ ESE, _		.5	.5									1.1	7.3	
\$E		5	, 5	, 3								1.4	7.2	_
												1.1	3,3	_
, S		1.4	. 3	. 3								1.9	5.5	
25 ju	- 3	2.7	. 3									3.3	5.3	
SW				• 5								3.3	5.5	
WSW (1.6	2.2	3.3									7.3	5.7	
,	2.7	8.7	2.7	. 3								14.4	5.4	
n in	<u>.</u>	3.5	1.9									5.2	5.7	
NW	_ 1-1	5.4	2•3	1.1								→.3	2.1	
NWW [1.1	4.3	4.6	. 9								17.9	5.9	
BJEATFAV	 		:::::::		••••••		•••••	•••••		•••••	••••••	•••••		• • •
CALM	,,,,,,,,,,,	//////	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	25.5	,,,,,,	
TOTALS	9.5	38.2	21.4	4.6	. 3	. 3	. 3					133.0	٠.5	

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE AINO DIRECTION VERSUS WILL SPEED FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR #EATHER SERVICE/MAC

STATION NUMBER	: 616413	STATION	NA4E:	DAKAR SE	NESAL				PERIOD OF RECORD: 75-34 MONTH: SEP HOURS(LSTI: 3503-3303						
 DIRECTION (DESREES)	1-3		7-10	11-16		ND 5°EED 22-27			41-47	48-55	38 56	TOTAL 4	NEEN CNIE		
١	•6	2.4	3.7	.9			• • • • • • • •	•••••	•••••	•••••	•••••	7.5	7.3	••••	
 NNE NNE		1.9	1.5	+9						-		9-1	7.2		
VE .		.9	. 4	• ?								1.5	7.9		
ENE		1-1	. 4	• 2			• 2					1.9	3.5		
 	2_	1.1.	<u>5 • ē</u>	•4.				-				4.5	3.3		
ESE		. 6	1 - 1	• 2								1.9	3.2		
SE _															
 SSE	4_	2	• 9									1.7	?+1		
s į	. 4	1.1	• 2	.4								?•2	7.2		
SS.	. 4	1.3		•\$								1.9	5.2		
 >=		2 <u>.</u> 2	• 9	<u>• 5</u>								3.5	⇒•3		
usu i	.9	2.4	1.5	• 2								5.3	5 • 2		
• {	. 9	7.6	4.3									12.7	5.1		
 i	1,3	•• <u>0</u>	1 • 7	. • •		-						₹.5	5.9		
vv į	1.3	3.7	3.5	• 6								9.1	5 • 6		
Nvar 1	• 4	3.2	5.9	.,								9.4	7.4		
 - SJEATHAV		******	*******	.2	•••••					•••••		.?	15.7	•====	
CALM	,,,,,,,,,	1111111	,,,,,,,	1111111	1111111	,,,,,,,,,	////////	1111111	,,,,,,,,	,,,,,,,,	,,,,,,,,	24.4	,,,,,,		
10TALS	7.3	35.6	?6.6	5.9			• 2					133.3	5.1		

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERSENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION WERSUS WIND SPEED FROM HOURLY DASERWATIONS

STATI	ION NUMBER	: 615413	STATION	N41£:	DAKAR SE	NESAL			PERIOD OF RECORD: 75-34 MOVIH: SEP HOURS(UST): 0700-1100							
tt	IRECTION Degries)		4-6	7-13	11-16			14 44019 28-33		41-47	48-55	3E 35	TOTAL	NEAN CNIG	····	
••••	: ۲	. 7	3.1	4.1	2.6	•••••	• • • • • • •	•••••	• • • • • • •		• • • • • • •	• • • • • • •	13,6	3.5	••••	
	NNE		•5	1.7	1,2								3.5	9.5		
	NE		.5	1.0	• 2								1.7	9.3		
	ENE	• 2	1.0	. 7									1.9	5.9		
	£ _	,7	2 • 2	2 • 4	. 7	• 2							5.2	7.3		
	ESE	.5	• 2	. 5	1.3								2.2	9.7		
	SE		. 7	.7	1.0								2.4	3.6		
	. 55E	2	<u></u> . •?	• ?	. • 2								1.9	9,2		
	s i	• 2	1 - 2	1.4									2.9	5 . ?		
	554	• ?	. 7	1.7	.5								3.1	7.7		
	_swi	2	i.9	1 - 2	• 2	• 5							3.9	7.4		
	wsw i	1.3	1.2	1.9	• 5	• ?							4.5	7.1		
	· į	1 • 2	4.6	6.5	• 5								12.7	5.9		
	. nān	5	4 • <u>1</u> .	_ 4:1	1.0								9.5	7.1		
	NW Ì	.5	2 • 4	4.3	. 7								7.9	7.3	-	
	NVW	.5	4.3	8 • 2	1.2								14.1	7.8	-	
	VARIABLE I			::::	•••••	•••••		•••••	• • • • • • •	•••••	• • • • • • • •	• • • • • • •	• • • • • • • •		···	
	i	,,,,,,,,	,,,,,,,,	,,,,,,,,	.,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	11.3	,,,,,,		
,	TOTALS	7.0	28.8	+1.0	11.3	. 7							133.3	5.7		

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

PERIOD TO SEED A COLOUR SERVICE OF STREAM OF SEED ALONG THE SEED OF STREAM OF SEED OF

>53100 0F 380030: 75-34 MOVTH: SEP HOURS(LST): 1200-1400 #IND \$PEED IN 4NDTS 11-16 17-21 22-27 28-33 54 DIRECTION | IDEGREES) | Ł 21 V) 7.8 12.2 1 - 7 6.1 4.4 NVE 1.3 1.7 3.9 7.5 1.1 • 2 2.5 3.4 • 2 1.7 7.5 ξ... . 7 7.7 ESE 3.7 SE . 9 13.3 1.5 1.3 5 . 9 1.7 SSW 2.2 3.1 . 7 1.7 1.7 3.5 1.3 Sw 9.3 1.7 MSM 3.5 3.3 5.7 . 4 . 2 2.2 3.5 7.7 5.7 1.5 9.6 3.6 1.3 5.9 1.3 N M 4.1 12.9 7.6 . 4.1 5.9 2.5 12.5 3.3 I SIGAIFAV CALM 3.3 ///// 133.3

GLUBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF DECORRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUSELY DBSSERVATIONS AIR WEATHER SERVICE/MAC

STATION NUMBER: 616413 STATION NAME: DAKAR SENESAL

PERIOD OF RECORD: 75-34 MONTH: SEP HOURS(LSTI: 1500-170) #IND SPEED IN (NOTS 11-16 17-21 22-27 28-33 34-40 DIRECTION 7-13 TOTAL 454 V (DEGREES) | ŧ 7.5 13.5 7.7 4.2 1.5 NYE ?.1 17.2 N E . 7 9.7 ENE • 2 3.) _£ 1.2 7.3 1.5 . 5 . 7 9.3 SE . 2 . 5 11.7 1.4 SSE ._..2 • 5 2.1 12.1 s 1.2 1.9 1.4 7.4 . 7 SSW . 2 2.3 1.9 7.5 _ 5u 3.3 4.7 • 5 . 5 9.1 3.3 3.7 3.5 3.3 454 1.6 d . 2 4.9 7.0 1.4 13.5 7.7 4.2 • 9 7.4 444 9.3 • ? 2:1 ٧. 5.3 9.8 1.6 14.4 7.9 ... VARIABLE CALM 2.3 ///// 20.9 100.0 3.4

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

UBICA CHIN ZUZFON HOITDORIC GHIN BERAFUS AC BONBSPLODO AC YOMBUGBFA BRAINBURBC ZHOITANFBZEC YJBUCH PORF

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-34 CCCCCUBL: 1803-2301

					•••••			IN CHOT					•••••	• • • • • • • • •	
O IRECTIO (DE GREES		- 3	4-6	7-13	11-1 ե	17-21	22-21	29-33	34-43	41-47	48-5>	GE 35	LOLAL	454 V 21 V)	
٧	!		2.2	4.7	1.5	•••••		*******			• • • • • • •	•••••	3.4	9.6	••••
NNE			.?	. 4	. 5								1.3	9.5	-
\ E			•6	. 9									1.5	5.7	
£ NE	į		• 2										• ?	٠.3	
i	_	. 2	•2	• ?									.5	5.7	
ESE	į			. 4									. 4	3.0	
\$€					•2								• 2	12.3	
							• 2						1.9	7.5	
\$	į		1.1	1.1	1.3	• 2							3.7	7.9	
5\$W	ļ		1.9	1.9	. 9								4.7	7.9	
Sw		• 6	_ 3.4	3.7	2								3.0	5.7	-
454	į	• 2	2.2	4.5	.4								7.3	7.3	
•	į	1.5	8.4	6.2	•2								15.3	5.3	
		•6	4.7	4.5	4.								13.3	5.9	
VW	į	.6	5.4	6.7	.6								13.3	7.1	
илы	į	.4	4 • 1	8.0	1.9								14-4	1.1	
VARIĀBŪ	E i	.:::::	******	*******	••••••	•••••	• • • • • • •	•••••	• • • • • • • •	••••••	• • • • • • • •	•••••	• • • • • • • • • •		· : : : : .
CALM	1,,,,	,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	7.3	,,,,,,	
TOTALS	1	4.3	35.5	+3.7	8.8	• 2	• 2						133.3	5.9	

PERSENTAGE FREQUENCY OF OCCURRENCE OF SURFACE AIND DIRECTION VERSUS AIND SPEED FROM HOUSELY DRIVEN OR SEATHOUSE. GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION NUMBER: 616410 STATION NATE: DAKAR SENESAL

PERIOD OF RECORD: 75-34 MONTH: SEP HOURSCESTE: 2100-2300 41ND SPEED IN 4NDTS 17-21 22-27 29-33 34-40 DIRECTION | IDEGREES) | 7-10 11-16 CFIL 5.9 4.3 3.1 . 3 1.9 5.4 1.0 **,** 5 __NNE . 5 5.) ٧E . 3 14.3 ENE . 5 . 8 4.3 12.3 ESE . 3 SE 1.5 3.3 7.5 2.3 5 . 5 . 3 • 9 1.0 . 3 SSW . 3 SW .5 2.0 1.0 . 3 . 5 3.3 . 3 3.0 13.1 1.5 . 3 11.5 5.7 4 # NNE VARTABLE CALM 133.3 3.0 TOTALS

GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE AUD DIRECTION VERSUS ALVO 52550 FROM HOWELY DBSFRVATIONS AIR WEATHER SERVICE/MAC

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84 HONTH: SEP HOURS(LST): ALL

DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 3 DIRECTION | 1-3 (DESPLES) | MEAN CVI . 3 2.8 4.2 1.9 7.1 3.3 NNE . . . 1 2.3 3.5 ¥£ • 0 .5 • 0 . 3 ENE - 1 0.1 . 3 7.9 ESE . 5 • 0 3.5 SE ,. 3 . 3 7.5 SSE .5 . 3 3.7 s . 7 1.0 1.2 • 1 3.1 3.4 554 • 5 1.6 1.4 , • 5 2.3 5.3 7.2 SW 2.2 . l . 7 2.5 2.9 - 0 5.5 5.9 1.3 6.2 4.7 12.5 5.3 3.9 3.4 . 6 • 0 9.7 5.9 . 9 4.7 . 9 4 2 . 0 4.3 13.5 7.0 NVE 7.5 4.6 5.6 1.6 12.3 VARIABLE I CALM 15.7 ////// 13.3 100.0

GLOHAL CLIMATOLOGY BRANCH USAFLYAC AIR MEATHER SERVICE/MAC CITE CVIN ELEFEN VOITOBRIC CVIN SURFACE DE SONTEMBLEDO DE VONSULARE PLATALES PROFESEE VIRGE POR

STATION NUMBER: 615410 STATION NATE: DAKAR SENEGAL

PERIOD OF RECORD: 15-94
40414: 001 40425(151): 0000-0200

												13013122			
	• • • • • • • • • • • • • • • • • • • •		• • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •		17 (255)	TCV > VI	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • • •	••••
	DIRECTION (DEGREES)	l 1-3	4-6	7-10	11-16	17-21			34-43	41-47	48-55	55 55	1014L \$	v ⊅ 1 P C V 1 b	
	٧	1.3	٥.٦	13.8	2.3	• 2	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •		23.2	3.1	••••
	NNE	ļ	3 - 1	2.9	. 6								5.5	7.4	
	N €	Ì	. 4	• 2									. 5	5.3	
	ENE	.2	• R										1.3	4.2	
	٤					. +2							• ?	13.0	
	ESE	<u>.</u>													
	SE		• 2										•?	+.1	
		<u> </u>	:2										• 2	5.0	
	s	i		• 2									• ?	11.3	
	2 2 M	.2	1.2										1 - 4	5 - 1	
	. SW	ļ	1.3										1.2	3.9	
	m S W	.4	2.1	. 6									3.7	5.2	
	•	1.8	5.1	. 8									7.3	+.7	
	. """— · · ·	1 • 2	3 • 9	1.4			*						5.5	3.1	
	4 M	1 1 9	5.5	2.5	• 2								11.1	5.5	
	NNL	1.2	t.7	4.5	. 9								12.7	5.5	
. =	VARTĀBLE	; ; <u>, </u>	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	••••••	•••••		• • • • • • • •	• • • • • • •	• • • • • • •		• • • • • • • •	• • • • • • • • •	
	CALM	! ! <i>//////////</i>	,,,,,,,,	,,,,,,,,	1111111	,,,,,,,		////////		,,,,,,,,	,,,,,,,	,,,,,,,	24.2	111111	
	TOTALS	l 8.5	36.3	27.1	3.9	• 4							133.3	5.0	
		·						• • • • • • •							

;LUBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC PERTENTAGE FREQUENCY OF DOCURRENCE OF SURFACE ALMO DIRECTION VERSUS WIND SPEED FROM HOURLY DASERVATIONS

PERIOD OF RECORD: 75-84 MONTH: DCT HOURS(EST): D800-0500 4[N) \$PEED IN (NOTS 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 V4≟P CVI≖ OTRECTION | (DEGREES) | 3.5 2.7 4.0 14-1 4 . J 24.3 3.5 4.0 NNE 1.3 . ? • 5 3.1 ٧E . 2 . 5 . 5 . 2 5.4 1.5 . ? E vE 4.3 . ? . 5 1. 7.5 • ? Ł ESE . 2 3.3 3 € 3.3 • 2 558 1.7 5.7 1.2 3.0 2.0 1.0 5.1 5 • l N W 1.2 4.9 1.2 7.4 5.7 7 5.1 TOTALS

ULDHAE CELMATOLOGY RRANCH PERSENTAGE FREQUENCY OF DECENTAGE OF SURFACE ALIVED PRECITION VERSUS ALIVE SPEED USAFETAC FROM HOUSELY DESCRIPTIONS ALIVED SPEED ALIVED PROMETER SERVICEMMAG.

RIEMUN NOTTA	: 616413	STATION							HIVCP:		43747172	11: 7273-	
DIRECTION I COFGREES)	1 - 3	4-6	7 -1 3	11-16	#1 17-21	75-52 75-52	21 - 42 C	34-43	41-47	44-55	3f 55	JAIC1	PASE CVIS
۱ ا	.7	7.4	13.9	5.2	.?		• • • • • • • • •	•••••	•••••		• • • • • • • •	23.9	1.7
NNE .		2.2	5.0	1 . 9								→ 1	1.5
NI		1.7	. 8	- 4								2.2	3.5
E NE		1.2	. 4	. 4	1							?.1	7.4
: !	+2	1.2										1.4	7
rse j	• ?		• 5		1							.4	5.3
- t .													
556		. 4										. 4	4.5
5		• b	. 4			. 2						1 . 2	₹.5
55#	• 2	. 4	. 2									. 3	5.5
Sw }	• 2	.6	. 2									1.3	4.9
₩S₩	. 8	1 - 8	. 2	• 2								3.0	5.3
. !	. 4	4 + 2	1 • 2									5.9	> 1
MAM	1,4	3.0	. 6									5.3	4.5
N .	. 5	4.2	5 . t	• 2								9.9	5.5
NN W	. 9	7.3	4.8	. 3	• 2							13.7	5.7
] 3JEATSAV -	••••••	• • • • • • • • • • • • • • • • • • • •		,	•••••		• • • • • • • • •	• • • • • • •		•••••			•••••
CALM !	111111111	,,,,,,,	///////	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	//////	11111111	,,,,,,,	,,,,,,,	21.1	111111
INTALS !	5.0	55.4	79.8	9.1	- 4	• ?						133.3	5.7

TOTAL VEMBER OF OBSERVATIONS: 477

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UEBBAL CEIMATOLOGY BRANCH PERSENTAGE PREDIENCY OF OCCUPATION OF SURFACE WIND DIRECTION PERSUS WIND SPEED USAFETAC FROM HOUSE SERVICE/MAC

STATION NUMBER	4: 61541.)	2141134	VA 1: ;	19444 2: '					HIVCH:		13752772.	-34): 21J)-		
DIRECTION IDEGRIES)		4-b	7-13	11-16	- 1	ND SPEED	IN KNOTS					TOTAL	MÉRN Grih	•••
٧		9.3	23.1	11.4		•••••				• • • • • • • •		45.2	7.1	• • •
. NVE		3.5	8.2	5.1	. 3							17.7	₹.5	
¥F	<u>}</u>	-5	1.4	. 3								2 - 2	3.3	
ENE	<u>.</u>			,										
												- 3	5.0	
ESE	.3											. 3	? • 3	
»f														
 \$>E			. 3	-	-							. 3	13.3	
5	!													
55 W	! !													
W 5 w	1													
•	.5	. B										1.4	4.4	
		• 3	. 3									1 - 4	4.4	
40	1.1	2.7	• B	. 3								4.9	5.3	
NV	1 1.4	10.6	6.5	1.4								19.9	5 • 5	
3JPATSAV		•••••		••••	• • • • • • •	•••••		•••••		• • • • • • • •		• • • • • • • • • • • • • • • • • • • •		••
CALM		,,,,,,,	,,,,,,,	///////	111111	///////	,,,,,,,,,	1111111	///////	,,,,,,,	,,,,,,,	5.5	111111	
101ALS	4.9	26.1	+1.1	19-1	. 3							133.3	7.7	

TOTAL NUMBER OF OBSERVATIONS: 357

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COURSE CRIM RESERVICTIONS CONTINUES OF SUPERIOR OF YOUR CLASS CONTINUES OF A CONTINUES OF THE PROPERTY. GLUBAL CLIMATOLOGY BRANCH ATH MEATHER SERVICE/MAC

7.7 41.3 1.3 5.7 3.7 11.2 13.4 NNE . 9 7.3 N.F . 2 . 4 . 2 . ? 11.7 . 2 ENE 7.0 £ . 2 ESE SE 7.7 SSE . 2 \$ 7.3 Saw . 2 . 2 1.3 5 6 +.3 5.5 1.3 2.3 3.2 13.1 7.2 5.5 3.4

SLOSAL CEIMATOLOGY BRANCH USAFETAC PERSONNESS FREQUENCY OF DECURRENCE OF SURFACE WIND DESCRIPTION VERSUS AIND SPEED

:	STATION NUMBER	8: 616413	\$74113V	V4 4 : :	22 FAFAC	NESAL				CCIF34:HTVCF	OF RECOR		-44 []: 1537-	1733
_	DIRECTION (LUESPIES)		4-6	7-13	11-16	17-21	22-27	14 (421) 28-33		41-47	48-55	3E 55	1374.	#[&v #[V)
	N [.2	2.5	13.4	27.9	2.7	•?					•••••	47.3	12.5
	_ NVE,		• ?	4.5	9.7	1.3	.?						15.7	12.5
	NE		•2	• ?	.7								1.2	12.0
	E NE													
	Ł	! !												
	ESE	! !	•2	. 5									.1	1.7
	S€	l I												
	\$5£			• 2	. •2								. 5	11.5
	s			• 2	• 2								.5	9.5
	2.2 M	.2	. 7	• 2									1.?	5.3
	2n	<u></u>	:2		. • 2								• 5	7.3
	u S w	! 	.2	• 2									• 5	5.5
	•	!	.7	. 7									1.5	5.3
	444		1.2	1.5									2.1	7.3
	48	i	2.1	4.5	1.0	•							9.2	1.9
	Nyb	į	2.5	10.0	5.5								17.9	7.4
	VARIABLE	' ' 	••••••	. ,	• • • • • • • •	• • • • • • • •		• • • • • • • •	• • • • • • •			******		••••••
	CALM		//////	///////	(//////	,,,,,,,,	//////	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	11411111	1.7	//////
	TOTALS	.5	11.7	36.3	45.5	3.7	. 5						177.3	13.7

ULUBAL CLIMATOLOUV BRANCH PERSENTAGE FREQUENCY OF OCCUPRINGE OF SERFACE WIND SPEED VERSUS WIND SPEED USAFETAC PROMISE FREQUENCY OF DECEMBER SERVICE/MAC .

	STATION NUMBER	P: 616413	VOITATZ	NA 4E:	DAKAR SE	NESAL				GCIFICH:): 75 4)J45(L5	-84 []: 1200-	1+33
	DIRECTION T		4-6	7-13	11-16		7.5°E2 7.5°E2			41-47	48-55	3E 35	TOTAL	MENN CNIP
	· · · · · · · · · · · · · · · · · · ·	.6	2.4	10.5	18.4	1.3	•?	• • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	33.4	11.4
	NNE	 	1.5	7.7	17.3	2.4	• ?						29.1	12.4
	NE I		•6	5.8	9.4	.6							15.6	11.7
	ENE I		• 2	1.5	• 2								1.7). 5
	. <u>£</u> !		_ •9	Š • 6	1.7								5.1	7.5
	E>E I			. 6	. 9								1.5	11.3
	SE I			. 4									. 4	3.5
	SSF	<u>.</u>		• 2	. • 3								.4	13.5
	5	 												
	SSW				. • 2								• ?	13.0
	_ ১₩													
	W5W													
	•		• 2										. 2	5.1
-	uvu	•2	2		. • ?	• 2							. ;	13.5
	49	• 2	. 9	1.9	.4								3.4	7.4
	444	•?	1.5	3.4	1.7	• 2							7.1	7.2
	. JJEATHAV	, , , , , , , , , , , , , , , , , , ,	• • • • • • • •	• • • • • • •	••••••	•••••		•••••		•••••		•••••	· · · · · · · · · · · · · · · · · · ·	
	CWCH	111111111	,,,,,,,	,,,,,,,	///////	1111111	(///////	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	• 5	111111
	TOTALS	1 - 3	8.4	34.7	49.7	4.7	.5						100.0	11.2

SLOBAL CLIMATOLOGY BRANCH USAFETAC PERSONABLE FREQUENCY OF OCCURRENCE OF SURFACE ALIAN DIRECTION VERSUS ALIAND SPECIAL CALIFORNIA PORTIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL PERIOD OF RECORDS: 40JRS(EST): 3703-1103 CH-45 25-25 1N 41075 CH-45 25-25 15-71 DIRECTION 5£ 55 TOTAL 4 1 4 V (DEGREES) I 2.5 13.8 14.3 . 5 21.1 13.9 NYE 17.2 2.0 . 5 11.3 53.7 12 • 2 NE 1.2 5.9 1.5 8 - 6 17.2 11.5 ENE 1.2 4.2 2.3 7.4 7.3 Ĺ • 5 4.9 1.2 5.9 9.1 ESE • 2 • 5 . 1 1).7 SE • 2 . 2 . 5 5.5 . 5 <u>5 E</u> . 2 7.3 \$. 2 4.3 554 W 5 W • 2 . 5 . 7 5.3 • 2 . 5 12.5 . 7 1.5 3.2 VARIABLE TOTALS 133.3 13.9

AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE AINO DIRECTION VERSUS AINO SPEED FROM MOURCLY DBSERVATIONS GLUBAL CEIMATOLOUY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION NUMBER: 616413 STATION NATE: DAKAR SENEGAL

>ERIOD OF RECORD: 75-44 MONTH: NOV HOURS(LST): 0500-0300

	• • • • • • • • •		• • • • • • • •				TO CONT			• • • • • • •		• • • • • • • • •	• • • • • • • •	••••
DIRECTION (DESPIES)		4 - b	7-13	11-16			28-33		41-47	49-55	3E 55	I DT KL	9449 CV15	
N		4.1	19.0	7.4	.2	• • • • • •	• • • • • • • • •	• • • • • • •		••••••		30.8	7. 7	••••
Nut	! !	4 - 8	16.2	7.9	. 7							29.5	→. 5	
NE	l •?	2.2	8.5	3.5								14.4	9.1	
ENF	1	2.0	3.5	.7								5.1	3.0	
Ł	t i	.4	.9	•2								1.5	3.4	
ESE	· !		. 4									.4	€.5	
> F	! !		•2									• ?	3.0	
Saf	1 1													
\$	}													
550	! !													
5 b	! !		• 2									• 2	11.3	
10 S W	i I	.2										• ?	4.3	
	1 .2		• 2									. 4	3.5	
444	1	.4	. ?									.7	5.3	
N. al	1 .2	1.1	.1	.4								2.4	7.3	
***	.4	2.4	3.7	.4								1.3	7.4	
	i													
VARIABLE	1													
(, å , ·		//////	,,,,,,,	//////	,,,,,,,	//////	////////	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	5.1	111111	
ROTALS	1.1	11.7	. 1 . 7	20.5	. 9							133.3	9.4	
														• • • • •

TOTAL NUMBER OF CRISERVATIONS. 458

PERSENDER FREQUENCY OF DECERRINGE OF SURFACE WIND DIRECTION VERSES OF SPECIAL SPECIAL SPECIAL PERSENCE FROM HOUSE VALUE OF SERVICE PERSENCE. GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION NUMBER: 616413 STATION NAME: BARAR SENEGAL

PERIOD OF RECORD: 75-34 MONTH: NOV HOURS(LST): 3300-3511

		• • • • • • •	• • • • • • •	• • • • • • • •) SPEET	1 (V)		• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • • • •		•••
DIRECTION COEGREES		4-6	7-13	11-16	17-21			34-43	41-47	49-55	31 35	1314L 8	4[f A	
٧	. 3	9.1	?2.9	9.1		•••••	•••••	• • • • • • •		• • • • • • • •	• • • • • • •	+1.3	3.9	••••
NNE	.5	3 - 1	16.1	3.4	.5							23.5	7.1	
NE		. 8	6.0	. 8								7.5	7.1	
ÈNE		.3	1 . O									1.5	7.5	
£		• 5		. 3								. 9	1.1	
ESE	 		. 5									.5	1.5	
SE														
S\$E														
s														
5 \$ W	! !	. 3										. 3	5.0	
SW		,	. 3									. 3	3.3	
454				• 3								. 5	11.3	
		. 9										. B	4.3	
WWW		:B	. 3									1.3	5.5	
NW	.5	1.6	.5	.5								3 . 1	5.4	
NVW	. 8	5.5	5.1	1.3								15.0	7.3	
VARIABLE	 	• • • • • • •		••••••		•••••	•••••	• • • • • • •	•••••		•••••	••••••	• • • • • • • • •	••••
CALM	,,,,,,,,,	///////	///////	///////	11111111	1111111	///////	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	5.2	/////	
101465	! 2+1 	22.6	53.2	15.3	•5							133.3	3.a	

TOTAL NUMBER OF OBSERVATIONS: 335

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GLOBAL CLIMATOLOGY BRANCH USAFETAC CEEKS ONTH SUSEEN MOLLCOBLIC CNIM SOMERNOO DE ASMENDEMENS BESTEROES (NIM SUSEEN MOLLCOBLIC CNIM SOMERNO DE SOMERNOO. ATR MEATHER SERVICE/MAC

STATION NUMBER: 616413 STATION NATE: DAKAR SENESAL 090; 75-34 HDJ95(LST): DD00-0203 PERIOD OF RECORD: YOUTH: YOU 4143 SPEC3 IN (NOTS 17-21 22-27 28-33 OIRECTION | IDEGREES) | TOTAL M:44 (VIW ν 7.2 23.7 7.5 39.2 3.5 NYE 13.7 5 . 7 3.9 23.3 1.3 ٧F 5.5 7.6 ENE 1.1 1.3 7.7 ____£ .. • 2 5.3 FSE • 2 13.3 SE SSE 5 SSW . 2 454 . 7 . 4 . 7 2.2 . 2 3.5 NYW 1.3 5.9 4 . 8 . 9 • 2 VARIABLE CALM TOTALS 130.0

GEOBAL CLIMATOLOGY BRANCH USAFETAC PERIEVINASE FREQUENCY OF OCCURRENCE OF SURFACE WIND UTRECTION WERSUS WIND SPEED FROM HOUSELY DISCRIPTIONS AIR WEATHER SERVICE/MAC

STATION NUMBER: 616413 STATION NAME: DAMAR SENEGAL

PERIOD OF RECORD: 75-34 MOVIH: DCT HOURS(LST): ALL 41-97 43-55 TT 7 17-21 22-27 28-33 39-40 41-47 43-55 TT 7 DIRECTION (DEGREES) | NNF <u>.</u>1. 3.7 3.3 . 2 13.3 N E ENE • ၁ . 2 . 7 • 0 1.0 ESE • 0 . 1 . 3 SΕ • 0 - 1 • 0 • 3 . 2 • ō . 3 5.9 s , l • 3 7.3 • 3 . 9 Saw . 1 . 5 - 6 . 1 . 3 1.3 7.3 . 3 1.9 5.7 1.7 1.1 3.0 W54 • 2 . 7 5.3 4 1.0 3 - B 2.3 7.2 5.7 2.0 • ? 5.9 1.0 4.2 13.1 5.5 NNW 7.5 TARIFAT CALM 13.3 . 5 133.3 TOTALS

ULOBAL CLIMATOLOGY BRANCH USAFETAC PERSONAL PRINCES FREQUENCY OF DECURRENCE OF SURFACE WIND UNICONDUCTOR SERVICES AND SPECIAL PERSONAL PRINCES AND SPECIAL PRINCE

AIR MEATHER SERVICE/MAC PERIOU OF RECORD: 75-84 MONTH: DCT HOURS(ESTI: 2100-2300 STATION NUMBER: 616413 STATION NAME: DAMAR SENEGAL 4IND SPEED IN (NOTS 7-10 11-16 17-21 22-27 28-33 34-43 # # # ¥ C # 1 ‰ DIRECTION | (DESREES) | 1-3 4-6 7-13 41-47 48-55 35 55 TOTAL 9.3 9.6 3.3 1.0 2.5 3.3 NYE . 5 5.5 NE • 3 . 3 ENE . 3 5.3 . 5 5.0 ESE SE . 3 4.3 5 SSW 1.5 HSH 5.6 7.1 2.3 5.1 +.3 4.3 2.3 7.4 5.7 4 W 3.0 VARIABLE CALM TOTALS

CONSECUENT SURFACE FROM CONTRACTOR OF SOMERFUL OF SOME PROPERTY SCRIPTISCES GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHEN SERVICE/MAC

y	AIR MEAINER SE	EMAICE > WAT													
	STATION NUMBE	R: 616413	STATION	NA 4E :	DA44R S	NESAL				PERIOD:	35 ₹503₹ 301		-34 1300-2	7333	
	DIRECTION (DEGREES)		4-6	7-13	11-16			TV 4VOTS		41-47	48-55	GE 55	TOTAL	MÉRN (VIV)	
	ν	1 .4	3.3	14.9	13.3	.2			• • • • • • •		•••••	• • • • • • •	23.3	7.5	••••
	NNE	! !		1.6	• 6	•2							2 • 4	10.9	
	NE	! !	. 4										. 4	5.0	
	ENE														
	E		• 2	• 2	• 2								• 5	9.3	
	ESE														
	3.5	į													
	\$\$E				-								. 4	4.5	
	S	.2		. 4									. 5	5.3	
	5 S W	•2		1.2									1.4	7.9	
	2 M	2 _	2•0	. 4									2.1	5.0	
	WSW	.2	2.2	- 8									3.3	5.5	
	•	1.4	5 • 3	2 - 4									9.2	5.5	
	AAR		6.3_	1.4									3.4	5.5	
	NW	1.4	6.5	5.5	1.3								14.5	5.5	
	NNW	.6	4.3	12.7	3.3	.2							51.3	3.4	
	VARIABLE		:::•••	:::•:•	*******	•••••	• • • • • • •		• • • • • • •	• • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	•2:
	CALM		,,,,,,,	,,,,,,,	1111111	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	11111111	5.3	,,,,,,	
	TOTALS	5.3	31.0	+1.6	15.1	.6							133.3	7.3	
			•												

GLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC PERGENTAGE FREQUENCY OF DECURSORS OF SOMESFIELD OF YOUR STEED ALASES ALM SPECIAL PROPERTY OF THE PROPERTY OF T

STATION NUMBER	8: 615413	STATION	N41E:	DAKAR SE	NESAL				PERIOD HTMOP)		-34 11: 15J)-	1733	
DIRECTION (DESPIES)		4-6	7-13	11-16	17-21	22~27	28-33	34-43	41-47	49-55	3E 55	TOTAL	WEAN CMIN	
٧		1.6	13.7	16.9	•••••		•••••	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	32.1	11.1	••••
NNE NNE			1 • 4	5 • 2	• 2							5.9	12.3	
NE	•2	. 2	• 2	• 2								. 9	3.5	
ENE														
	•2_	2		=		• •						. 5	4.5	
ESE		• 2										. ?	+.3	
\$E _														
276		:2										2	5.0	
s	•2	.5	. 9									1.5	5.7	
WZZ		• ?	1.1	• 5								1.5	7.4	
			2.5							1		3,4	7.7	
FZA		. 9	3.0									3.9	7.3	
	.5	2.3	5.2									9.3	7.5	
	5	2.7	3 ÷ 0	. 9								7.1	7.4	
NW	•?	2.5	8.0	. 9								11.5	3.3	
NYW	•5	3.0	12.5	4.3								23.3	3.7	
Lalentrav	·····	:::			•••••	•••••	• • • • • • •	• • • • • • •	• • • • • • • •			• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •
CALM	,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,	1111111		,,,,,,,	,,,,,,,	1.5	,,,,,,	
TOTALS (2 • 3	15.5	51.5	28.9	• 2							133.3	3.2	

GLOBAL CLIMATOLOGY BRANCH USAFETAC PERCENTAGE FREQUENCY OF OCCURRINGE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY DASFRACIONS AIR MEATHER SERVICE/MAC

40VTH: OCT | HOURS(LST): 1233-1433 #IND SPEED IN 4NDTS -21 22-27 29-33 34-40 41-47 49-5 DIRECTION (DEGREES) 1 4142 ı. 13.5 12.4 13.4 . 8 33.1 3.5 17.3 5.5 10.0 . 6 NYE 1.2 11.5 ΝE 1.4 2.3 3.5 11.5 ENE . 4 • 2 13.3 . 5 . .. ξ . 2 7.3 5.7 ٠8 5.9 9.3 s . 4 1.0 SSW 1.0 Ş₩ 2 • 0 1.8 1.5 3.1 • 2 2.0 5.9 LVB 3.5 7.3 3.3 5 . 7 • 5 11.1 7.5 NNW 3.9 8 . 8 1.6 3.1 VARIABLE CALM TOTALS 133.3 9.2

GLOBAL CLIMATOLOGY RRANCH PREZENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION WERSUS WIND SPECIAL USAFETAC FROM HOUSE SUBJECT AIR WEATHER SERVICE/MAG

STATION NUMBER	7: 616413	VCITATZ	NA 1E :						DESTON:	OF RECOR		-84 []:]?]]-	1133	
 BIRECTION (CDEURIES)		4-6	7-10	11-16	aI 17-21	NO SPEED	IN 4NOTS 28-33		41-47	44-55	GE 55	TOTAL	PART CVIL	••••
٧	.,	5.0	13.9	9.7	•••••	• • • • • • • •	• • • • • • • • •	•••••	• • • • • • • •	• • • • • • • •	• • • • • • •	29.3	7.6	••••
 NVE	• • • • •	1.9	b.t	6.5	• 2							15.5	13.4	
ΝĒ	•2	.2	2.4	2.8								5.7	13.2	
ENE		.5	. 7									1.?	1.2	
t	.5	. 9	1.2									2.5	5.9	
E ? E		.5		• 2								.7	7.3	
51			. 2									• ?	13.3	
SSE	-			• 2								• ?	14.3	
\$	• 2	.5	• 2									.,	>.3	
55W		. 7	• 2									. 9	5.3	
5 = -	• 2		• 2									.1	5.3	
#5W		∠•1	• 2									2.4	5.5	
•	.7	2 • 8	5.6									5 - 1	5.5	
 <u>w</u>	9	2 • 8	4.7_	<u>.</u> 2								9.7	7.1	
NH I	• 7	2 • 8	4.5	• 2								3.3	7.5	
NVW	. 7	5.4	5.9	• 5								12.5	5.9	
 VARTARLE			::::::::	••••••	::::::	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •	•••••	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • • •	::
CAL"	/////////	,,,,,,,,	////////	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,	1111111			,,,,,,,	3.9	,,,,,,	
 TOTALS	5.2			50.6	• ?							133.3	3.1	

PERSONANTS. FREDUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND 5PEED FROM MOURLY DBSERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

T	MIN MENINER 2	EMAICENHAC												
	STATION NUMBE	R: 615413	STATION	V415:	74442 55	VESAL				:H180W	OF RECOR): 75- 40485(LSI		L
	•••••		• • • • • • • •	• • • • • • •	• • • • • • • •				• • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •		• • • • • • • • • • • • •
	DIRECTION (DEGREES)		4 - 6	7-13	11-16		10 SPEED 22-21		34-43	41-47	49-55	\$E 55	I DI A L	45 EV
	٧	l .4	5.2	17.9	13.7	.5	. 1			• • • • • • •	• • • • • • • •	•••••	37.9	13.3
	NYF	! ! <u> !</u> .	2.4	10.4	6.9	. ,	. 1						??.3	13.7
	₩E	.3	1.0	4.1	3.3	. 3	. 3						3.4	13.2
	ENE	! !	.5	1.5	.4								2.3	3.6
	٤		4	1.1	. 4								1.9	9.0
	ESF	j .3	• 9	. 3	• 2								. 6	→. 3
	5.8	! !	- 1	. 1									.?	7.3
	SSE	ļ	• 0	• 1	, •1								• 2	13.1
	5		• 0	.)									- 1	7.7
	556	.1	. 1	٠.٥	- 1								. 3	5.4
			• 2	. 1	!								• 2	7.4
	#2#	į	• 1	- 1	.)								• ?	5.8
	•	.1	.6	. 3									1.3	5.4
	ñ, n i		:• 6	= 4	٠i	. 1							1.4	5.5
	MM	.3	2.1	1.6	. 5								4.5	5.9
	NAR	l .6	4.5	6.5	1.9	- 1							13.3	7.8
	- VARTABLE		••••••	•••••	• • • • • • • • •	† · · · · · ·	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	•••••	••••••	••••••••
	CALM	,,,,,,,,	,,,,,,,	,,,,,,	,,,,,,,,	innin	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	4.5	111111
	TOTALS	! ! 1.9	17.6	14.5	29.3	1.9	• 1						111.3	7.1
· · · - · - · · · · · · · ·		! • • • • • • • • • •				• • • • • • •	. .							

JEJBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICENMAC CREED BURRY WOLFDERING OF DUDINSTRUCE OF SPREAD ALVO DIRECTION VERSUS ALVO SPECE FROM HOUSE DRIVEN AVOIDMENT OF THE PROPERTY O

STATION NUMBER	7: 616413	VC11412	V41E:	32 SAAAC	MESAL				PERIOD HONTH:	OF RECOR		-34 }: 3333-	0233	
	• • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • •	•••••			TOUR OF	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • • • •	•••••	• • • • •
DIRECTION (OBSREES)		4-6	7-13	11-16			29-33		41-47	49-55	31 5s	3 3 7 8 L	W A B M C W I W	
٧	!	8.7	16.0	6.3	•••••	• • • • • • • •	• • • • • • • •	•••••	•••••	• • • • • • •		31.3	9.5	• • • •
 NNE	2	6.7	??•5	7.5	• 2							37.1	≯. a .	
NE	.4	1 - ?	10.5	3 . 7								15.8	9.2	
FNE	! !		. 8	. 4								1.2	13.3	
 £	<u>.</u>	•2	.6	• 2								1.3	3.2	_
ESE	! !													
SE	: !			•2								• 2	12.0	
 SSF														
3														
SSW	i I													
2 H			• 2									• ?	3.0	
WSW		• 2										• 2	4.3	
•		.2										• ?	*.3	
 . WW			• 2									• 5	5.3	
49		. 8	. 6									1.4	5.7	
Numb	.4	2.2	3 • 4	• 6	• 2							5.7	7.7	
VARIABLE	*********		••••••	• • • • • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • • •	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •		••••
CALM	111111111	,,,,,,,	,,,,,,,	,,,,,,,	//////	,,,,,,,	,,,,,,,,	1111111	,,,,,,,	,,,,,,,,	,,,,,,,,	4.1	,,,,,,	
101#LS	1.3	20.7	35.0	18.9	. 4							133.3	3.3	

PERSONAL REPORT OF DECERPINE OF SERVICE OF STREET OF STREET STREET STREET OF STREET OF STREET OF STREET OF STREET GLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

T .	MIN MENINER 30	CREECEPHAL	•											
	STATION NUMBER	?: 615413	514110	1 NA 1 E :	DAKAR SE	NESAL				*ER[30		15 15 15 15 15 15 15 15 15 15 15 15 15 1	-34 11: 3303-	2533
			• • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •		IN KNOTS	• • • • • • •	• • • • • • • • •	• • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	
	DIRECTION (DEGREES)		4-6	7-13	11-16			29-33		41-47	48-55	JE 55	TP1C1	PAIR CPI
	ν		5.8	13.1	4.2	• • • • • • •		• • • • • • • •	• • • • • • •		• • • • • • • •	• • • • • • •	23.0	3.5
		i												
	NAE	!	6.5	≥4.9	9.4								+3.3	9+2 <u></u>
	NE	į	1.8	12.8	6.5	. 3							23.5	13.4
	ENE	į	. 3	1.3	1.3								2.9	13.5
	,E		3										, 3	5.3
	ESE	į									1			
	SE	!												
	SSE					-								
	S	!			. 3								. 3	12.3
	55W	!												
	_ Sw	<u> </u>												
	WSW			. 3									. 3	3.3
		į												
	F/18	¦										_		
	\ W	1				-								
	NVW	 .3	.5	2.1	1.6								4.5	9.4
		t												
	VARIABLE	ļ	• • • • • • • •	*******	• • • • • • • •		• • • • • • •	• • • • • • •				••••••	******	**********
	CAL⇒		,,,,,,,	,,,,,,,	,,,,,,,	1111111	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	4.5	,,,,,
	TOTALS	. 3	15.2	54.5	25.4	. 3							133.3	9.0

GEODAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF DOCURRENCE OF STREACE WIND DIRECTION VERSE, ALVO 57100 FROM HOURESTANDIONS

7.1 ... 5.0 21.2 13.1 39.4 7.9 NYE 18.7 33.3 7.7 8.1 ΝE 2.5 ENE 4.8 1.3 7.7 1.9 3.5 7.2 10.3 ESE . ? SE 11.5 SSE 5 SSW 13.0 13.3 . 2 5.0 5.3 2 4.3 44 . 2 -1.0 ə. a TOTALS 132.7

CLISC UNIA CLERIA MOTTUBRIC UNIA BARRACE RESPUBBRUDDO RE MONHEURIRA GENERALIBA ..LOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

>5ERIOU OF RECURD: 15-44 MONTH: DEC HOURS(CSTE: 3900-1100 CP-PE EE-85 7:-55 15-71 61-11 C1-1 0-4 E-1 | MOITGHIG DIRECTION I IDEGREESE ! 4114 (116 7.9 . 2 7.7 NNE _ ... 2.1 12.5 1.7 • ? 54.9 18.4 11.5 1.7 15.1 11.4 ENE 3.3 12.7 2.5 1.9 4.7 Ł 2.8 11.5 . 7 11.1 7 { _ § ⊭ wsw . 7 5.0 5.0 WW NNW . 2 . 5 9.5 13.3 CALM JOJALS

COMES CHIN ZUZSON MOTICORIO CHIN CAFRUZ NO CONTRACCIO NO NOMIUGARA ROAMMENTESS. SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

4 E A W CVI 1.9 13.5 22.1 1..4 4 . 8 6.9 N v E 1.3 16.2 22.1 43.2 11.9 N.E . 2 4.5 21.9 12.5 1.7 . 2 11.5 ENE 1.3 ٤ 2.8 1.5 1).) ESE 13.2 . 6 7.7 . 2 • ? 9.0 . ? 12.3 554 54 5.0 **W S W** ... 12.5 4 4 . 2 . 2 NNW

7.2

TOTAL NUMBER OF OBSERVATIONS: 470

L BJEATFAV CALM

TOTALS

.5 //////

11.6

133.3

51.7

GLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC PERSONAL PRESSER MOTTOSPIC MAIN SERVICE AC 150/18/2000 AC ACMINOSPIC POLITAMA SERVICE ALMO DE PRESSER ALMO PERSONAL PROPERTIES PROPERTANT PROPERTIES PROPERTIES PROPERTIES PROPERTIES PROPERTIES PROPE

STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL

1 - 3 - ? - ?	4-6 2-3	7-13 13.2 1.3	11-16	17-21			34-43			35 55	141C1 4	V E E V	
			31.9	3.2									
• Ś	• 9	1.3									51.3	12.2	•••
			17.5	1 - 1							27.1	12.3	
		1.4	1 - 1								2.5	13.5	
		. 7	• 5								1 - 1	17.8	
	• 2	• 5	. 7								1.4	1.7	
	• ?										• ?	٠.3	
		• 2	• 2								.5	17.5	
		• 2									.?	13.3	
	.5										. 5	5.3	
		- 2									.?	3.3	
		- 2									•?	3.7	
	•1	5									1.1	5.2	
	1.4	1.4	• 2								3.1	1.5	
	2.1	5.7	2.3								17.3	3.9	
· · · · · · · ·	•••••	• • • • • • •			•••••	• • • • • • • • •	• • • • • • • •	•••••			• ?	13.3	• • •
,,,,,,,	,,,,,,	1111111		,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,			
.5	8.2	\$1.4	54.7	6 9	_								
			.2 .5 .2 .2 .2 	.2 .2 .52	.2 .2 .5	.? .? 	.2 .2 .5 .222	.2 .2 .5 .222	.? .?	.? .?521 .51.4 1.4 .2 .2.1 5.7 2.3	.? .?5271212121212121223 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4	.? .?	-2 -2 13.3 -5 -2 -3 -5 13.5 -7 -5 -5 -3 -5 -3 -5 -5 -3 -5 -5 -3 -5 -5 -3 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5

GEOBAL CLIMATOLOGY BRANCH USAFETAC UBBSC CRIA 20653N RCITOBRIC CRIA BERTSUS OF BORISSUODE TO YORBUSH BEATRICFSS. 20011045F2 BEATRICFSS. ATR WEATHER SERVICEZMAC

>E4100 0F 4EC040: 75-84 MOVTH: DEC 400454L511: 1800-2000 STATION NUMBER: 616413 STATION VALE: DAKAR SENEGAL 41nD 52EED IN (NDTS 17-21 22-27 28-33 DIRECTION I CUESPLEST I 4:4 V TOTAL 414) Ł 13.4 45.5 2.9 23.4 19.3 12.6 13.3 NYE 1.5 ٧E ٠2 • 2 ENE . 2 11.0 13.3 \$ E 5.7 . 2 3.0 . 2 5 3.3 . ? 55# . 2 SW . 2 . 2 9.0 5 . 5 . 2 . 2 . •2 NWW VARIABLE ! CALM 1.5 133.3 TOTALS 10.8 53.9 54.6 • 6 7.7

ULOHAL CLIMATOLOGY ARANCH USAFETAC AIR WEATHER SERVICE/MAC CIBER BURRLY VOLTOBRIC CULM BEARING OF SPRENCED OF NOMBLOBER BURLYBURS.

	STATION NUMBER	1: 615413	STATION	NA 4F:	DAKAR SE	4654L				HINCH SESIOD	DEC DEC		.34 1): 5199-	2300	
	DIPECTION (OBSPRIES)		4-6	7-13	11-10			TCF 85		41-47	49-55	5E 55	JATCT 4	WERW CVIL	••••
	٧.	. 3	9.9	24.9	7.3	•••••		•••••			• • • • • • •	•••••	42.4	3.5	••••
	NNF	3	5.8	21.5	b • 3								55.5	7.1	
	NE		.5	4.7	1.0								5.3		
	ENE			. 5									. 3	13.3	
					. 5								• 5	13.3	
	E S E														
	SE														
	₹		*												
	s														
	55 m		. 3										. 3	٠.٥	
	SW	3											. 3	3.0	
	H S H		. 3										. 3	5.0	
	•														
			5										• 5	5.5	
	N#	. 3	1.0		. 3								1.5	5.5	
	~~~	.5	3.9	4.5	1.6								17.5	7.5	
-	3 BARISAV		·····	• • • • • • •	• • • • • • •	•••••		•••••			• • • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	••••
	Calm	  ////////		,,,,,,,		,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	3.7	,,,,,,	
	TOTALS	1.5	22.5	>5.B	16.5								100.0	3.2	

ESCH HEGS FREDUCACH DE OCCURRINCE DE SIRFACE ALMO DIRECTION VERSA ALMO SPEED GLOBAL CLIMATOLOGY BRANCH DSAFLTAC AIR WEATHER SERVICEZMAC

STATION NUMBER: 615410 STATION NAME: DAKAR SUNESAL

PERIOD OF RECORD: 75-84

								<b></b>	:H14CP	JE:	13712672	[]: AL	
DIRECTION LUEUREESI		4-6	7-13	11-16	d 1 v 17-21		TV (NOTS 28-33		41-47	43-55	31 55	TOTAL	VASP CVIL
٧	.1	4.4	13.8	11.3	.1	. )		•••••				33.3	13.3
NNE	.1	3.7	17.2	13.2	. 9	• 3						35-1	10.4
NF.	.1	1.0	8.5	6.9	. 5	- 1						17.1	13.5
E NE	!	.4	2-1	1.1	с.							3.7	7.7
÷		• 2	1.0	- 6								1.3	7.7
EsF	!	• 0	• 2	• 1								. 4	٠.٠
SF	, !		• 1	-1								•?	13.5
\$58	!	• "	-1									• 1	3.0
\$	!	. 1	•0	.1								.1	9.9
55#		. 1										•1	5.7
5 *	.7		- 1		. 3							-1	7.3
454	.3	. 1	- 1									• ?	3,5
•	į	.1	- 1									• 1	5.9
#N# .		. 3	• 1	.3								. 5	5.5
٧=		. 7	• 6	•1	• 3							1.5	1.3
AVM	.2	1.7	3.5	1.1	.1							5.5	3.4
JARTABLE	' !	• • • • • •			• • • • • • • •						• • • • • • •		11.3
CALM	liiiiiiii	,,,,,,	,,,,,,,	,,,,,,,	1111111	,,,,,,,	,,,,,,,	.,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	2.7	"""
TOTALS	i ! .9	12.7	47.5	34.5	2.2	• 1						133.3	7.9

PERIOR REPORT OF TRANSPORTED OF SURFACE ALAD DIRECTION VERSUS ALAD 52550 PROMINDURS OF SURFACE ALAD DIRECTIONS SECRETAL CLIMATOLOGY BRANCH AIR MEATHER SERVICE/MAC

PERIOD OF RECORD: 75-45 MONTH: ALL HOURS(LST): ALL 4IN) 52EED IN KNJTS 17-?1 22-?7 28-33 DIRECTION | TOESPILST | 1-13 IJIAL . . . . . . . . . . . . . . . . 5.0 13.5 11.2 • 0 25.4 11.5 1.5 . 9 15.5 1).9 - 1 2.8 1.9 . 2 . ) . 0 5.5 13.3 ENE • J . 7 . 3 **.** J . 0 1.5 . 5 . 3 • 0 į . 1 ٠, 1.2 ESS . 7 - 1 . 2 . 1 • 0 3.5 5 6 . 1 . 0 ٠. . 1 - 1 3.9 . 3 SSE • 3 . 1 . 2 . 1 . 3 . 3 3.5 5 - 1 . 3 . 3 . 1 • 0 . 0 . 9 7.9 . 2 . ) . 5 . 6 . 0 SSW . 1 1.5 7.5 . 9 . 2 . ၁ . 1 - 8 SE 2.) 7.3 1.1 **.** 3 2.1 5.9 2.4 . Э 5.3 5.7 • 0 5.7 7.3 3.1 4.4 1.3 ٠,3 . ) 7.1 7.5 3.9 • 2 15.1 7.0 VARIABLE I • 0 • 3 • 0 • 1 13.3 5.3 ////// • D 100.0 3.9

GLUBAL CLIMATOLOGY BRANCH PERSENIAGE FREQUENCY OF OCCURRENCE OF STARGE AUGUSTICAGE ACTIVITIES GENERAL SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES OF STARGE AUGUSTAN SERVICES O AIR MEATHER SERVICE/MAC

STATION NUMBER: 615413 STATION NA45: DAKAR SINISAL PROMISSINITES 1/2 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 HILE 02 H

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OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

CEILING VERSUS VISIBILITY

PART 3

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling," versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and the tables are presented by month and available 3-hour groups.

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, For most Airway's stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10 mi visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000 foot ceiling class.

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STATION NUMBER: 616417 STATION NAME: DAKAR SENERAL

PERIOD OF RECORD: 75-45 MONTH: UAN HOURS(LEST): JOUD-0200

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1.6 37.8 55.4	63.7 55.2	55.2 15.2		91.1	81.1	91.7	3?.5	92.3	82.3	33.)
1.0 37.6 58.4	69.9 55.2	56.2 15.2		91.1	51.1	81.7	3?.5	92.3	b?.8	33.)
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-6 50.3 74.1	15.5 82.2	±2.2 91.3	15.8	97.2	+1.2	91.9	99.4	99.5	99.5	22.3
-6 50.3 74.1	76.5 92.2	82.2 91.3	75.9	97.2	91.2	91.9	97.4	94.5	99.6	99.3
.6 53.3 74.1	16.5 32.2	92.7 91.3		91.2	97.2	97.4	99.4	99.5	49.5	17.5
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.6 50.3 74.1	16.5 92.2	82.2 91.5	95.8	97.2	97.2	97.9	99.4	91.5	99.5	23.3
.6 50.3 74.1	75.5 82.2	92.2 91.3	35.9	91.2	97.2	97.9	33.4	99.5	47.6	77.3
.6 50.3 74.1	76.5 82.2	82.2 91.3	75.5	97.2	17.2	97.9	99.4	94.5	47.6	27.3
1.6 57.3 74.1	16.5 92.2	92.2 91.3	75 . B	97.2	77.2	91.9	99.4	99.5	49.5	99.3
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.6 50.3 74.1	16.6 82.2	92.2 91.3	¥5.9	91.2	97.2	97.9	99.4	99.5	49.5	99.3
1.6 50.5 74.3	75.9 82.4	82.4 91.5	95.0	91.5	97.5	78.1	99.5	97.3	97.5	133.3
1.6 50.5 74.3	75.7 92.4	82.4 91.5	#6.D	97.5	97.5	98.1	99.5	23.3	99.8	133.3
7.6 50.5 74.3	75.7 32.4	32.4 91.5	₹5.0	97.5	97.5	98.1	99.5	77.3	99.3	100.0
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.6 50.5 74.3	15.9 92.4	82.4 91.5	15.3	97.5	97.5	98.1	99.5	77.3	99.9	111.1
1.6 50.5 74.3	75.9 92.4	82.4 71.5	₹5.0	97.5	97.5	98.1	99.5	99.3	99.8	133.3
.6 50.5 74.5	76.9 92 u	92.u 91.5	46.0	91.5	97.5	98.1	33.5	99.4	99.4	111.1
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SECRETAC SETMATOLOGY BRANCH -AIR WEATHER SERVICE/MAC

## PERCENTAGE FREUDINCY OF OCCURRENCE OF CETCING VERSUS VISIBILITY FROM HOURLY DOSERVATIONS

STATION NUMBER: 615410 STATION WATE: DAKAR SENESAL PERIOD OF RECORD: 75-35
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GEOBAL CLIMATOLOGY BRANCH - USAFETAC AIR WEATHER SERVICE/MAC

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STATION NUMBER: 616410 STATION SERVE MOLITATE

PERIOD OF RECORDS 15-35 MONTH: FEB → HOURSCUSTE: 1250-1420 VISIBILITY IN STATUTE MILES CETUINS - IN | 6E - FEET | 10 65 65 56 56 56 5 4 3 2 1/2 51 55 174 J 3E 31 3E 3E 3E 3E 3E 5/8 1/2 5/15 58.5 NO CETE 1 23.3 33.6 46.5 50.3 53.6 59.7 60.4 60.8 52.3 52.3 62.3 52.0 GE 200301 25.6 45.1 62.2 61.1 57.4 74.4 79.3 90.2 90.9 32.1 92.1 82.1 32.1 59.1 25.8 25.8 25.8 27.0 62.2 62.2 62.7 74.4 74.4 74.8 PE 180301 45.7 57.1 57.4 11.9 37.2 33.7 30.7 32.1 92.1 82.1 82.1 32.1 54.4 79.3 79.3 54.1 6E 14030 50.+ 57.5 67.9 13.3 7 - 7 80.7 62.5 UE 120301 59.5 82.8 87.6 84.3 97.4 13.4 31.9 52.0 5/.1 15.3 15.5 35.2 88.5 93.4 93.4 52.0 52.0 52.0 69.5 69.5 69.5 93.4 93.4 5E 130301 93.4 93.4 93.4 31.9 5/.1 82.8 31.9 57.1 75.3 75.3 75.5 75.5 82.5 82.8 35.2 97.6 87.6 99.5 99.3 #3.4 #3.4 73.4 90101 80301 7). + 93.4 93.4 31.9 70001 52.0 51.1 69.5 15.3 75.5 82.8 15.2 91.6 84.3 73.4 91.4 97.4 23.4 60001 15.2 43.4

4J.6 79.1 78.1 97.2 99.1 50001 94.1 34.1 54.1 34.1 4500 İ 75.3 91.4 24.9 97.2 99.1 99.1 U.E 43.6 60.6 83. 2 75.3 97.9 39.1 11.1 40301 15.1 78 - 1 73 - 1 33.9 91.4 34.9 95.3 97.2 97.9 ***·1 99.1 99.1 41.6 60.6 47.6 60.t 30001 60.0 25001 20001 91.4 91.4 91.4 91.4 95.3 97.9 99.1 99.1 99.1 99.1 99.1 45.6 43.6 60.6 75.3 75.3 79.1 79.1 93.9 34.1 34.1 GE GE 97.2 94.9 94.9 99.1 60.6 78.1 79.1 35.9 99.1 99.1 21.1 G.E 19301 43.6 60.t 75.3 34.1 95.5 97.9 15001 43.6 60.6 12001 41.3 61.5 92.3 9 A . A 133.3 100.1 101.1 92.3 92.3 92.3 10201 41.3 61.5 16.1 79.3 79.3 84.8 85.1 85.1 95.8 95.8 100.0 97.2 99.1 98.5 100.0 1.30.0 133.3 91.2 99.1 98.9 133.3 85.1 96.8 6.E 8001 7301 41.3 61.5 76.7 19.0 94.9 95.8 133.3 100.0 163.3 100.0 61.5 16.1 97.2 98.1 6 E 6001 41.5 16.1 92.3 98.8 100.0 193.3 92.3 92.3 92.3 91.2 91.2 91.2 91.2 5001 41.3 95.1 95.1 35.0 94.1 98.6 133.3 100.1 100.0 61.5 15.1 19.3 34.5 94.9 94.9 94.9 95.8 95.8 95.8 98.1 98.1 98.1 4301 19.1 19.3 ₹8.5 98.8 137.3 133.3 61.5 16.1 100.1 133.3 41.3 61.5 95.1 100.0 €.E 76.7 173.3 2.101 16.1 14.7 92.3 98.8 133.3 101.1 101.1 111.1 ot GF 1301 100.0 100.0 41.3 61.5 19.0 92.3 15.8 98.8 133.3 133.3 16.1 85.1 98.8 79.3 100.0 100.0 100.0 100.0 61.5 16.1 84.4 92.3 41.3 95.1

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

51.	VOI14	NUMB	£7: 61641	11412 C								HONTH		43747	(LSI):	3 <b>3</b> 33-11	ננ
C F	ILINS	• • • • •		• • • • • • • •	•••••	• • • • • •	• • • • • • •			IN STAT			• • • • • • •	• • • • • •		• • • • • • •	•••••
-	IN LLI	1			5E #		3ε 2 1/2	3.5	3E 1 1/2	3 E	35	5E 3/4	GE 5/8	3E 1/2	5: 5/15	55 173	3E 3
N O	CEIL	ŀ	13.5	27.2	42.3	44.2	47.4	47.7	55.3	21.1	59.3	59.5	61.2	61.5	51.7	61.7	51.7
GE GE	20030 18030 16030 14030 12030	) i 	19-1 19-1 19-7 23-5	39.4 39.4 39.9	58.) 58.) 58.) 58.)	60.4 60.4 60.4 61.2 69.5	63.9 53.9 53.7 54.7 72.5	54.4 54.4 54.4 55.2 73.0	73.9 73.9 73.9 74.7 83.J	75.5 75.5 76.5 77.4 85.7	78.4 73.4 73.4 79.2 87.6	79.2 79.2 79.2 97.1 99.4	81.1 81.1 81.1 81.7 70.5	31.4 31.4 41.4 82.2 73.9	81.7 81.7 81.7 82.5 91.1	81.7 81.7 81.7 82.5 91.1	31.7 31.7 31.7 32.5 71.1
	702"	) i ) i ) i	23.5 23.5 23.5 23.5 23.5	46.4	56.3 56.3 56.3 56.3	68.5 68.5 68.5 68.5	72.5 72.5 72.5 12.5 72.5	73.0 73.0 73.0 73.0 73.0	83.0 83.0 83.0 83.0	95.7 35.7 35.7 45.7	97.6 97.5 97.6 97.6	88.4 88.4 88.4 88.4	90.6 90.5 90.6 90.6	93.8 93.3 93.3 93.3	91.1 91.1 91.1 91.1 91.1	91.1 91.1 91.1 91.1 91.1	91.1 91.1 91.1 91.1 91.1
- 6E 6E 6E 6E	4000 3500	1   1   1	\$1.3 31.3 31.3 31.3	54.4 54.4 54.4	73.7 74.1 74.1 74.1 74.1	76.3 76.5 76.5 76.5 76.3	80.3 90.5 80.6 80.6 80.6	80.9 81.1 81.1 91.1	90.8 91.1 91.1 91.1 91.4	93.5 93.8 93.8 93.8 94.1	95.4 95.7 95.7 95.7 95.3	95.5 95.5 95.5 96.5 96.8	98.4 98.7 98.7 98.7 98.9	93.9 93.9 93.9 93.9	93.3 93.2 93.2 93.2	99.9 99.2 99.2 99.2 99.5	93.4 99.2 99.2
6E 6E 6E 6E 6E	2030 1930 150f	)   	31 + 5 31 + 5 31 - 5 31 - 5	54.7 54.7 54.7	74 - 4 74 - 4 74 - 4 74 - 4	76.8 76.9 76.9 76.9 76.9	83.9 83.9 83.9 83.9	91.4 91.4 81.4 31.4 61.4	91.4 91.4 91.4 91.4	94.1 94.1 94.1 94.1	95.0 95.0 95.0 95.0 95.0	96.8 96.8 95.8 96.8	98.9 98.9 98.9 98.9 98.9	99.2 99.2 99.2 99.2	99.5 99.5 99.5 99.5	99.5 99.5 99.5 99.5	99.5 99.5 99.5 99.5
65 65 66 66		)   	31.5 31.5 31.5 31.5	55.0 55.0 55.0	74.) 74.) 74.) 74.) 74.)	77.4 77.4 77.4 77.4 77.4	81.4 91.4 91.4 81.4 91.4	81.9 81.9 81.9 81.9	91.9 91.9 91.9 91.9	34.6 34.6 34.6 34.6	95.5 95.5 95.5 95.5 95.5	97.3 97.3 97.3 97.3	99.5 99.5 99.5 99.5 99.5	99.1 99.1 99.1 99.1	103.3 103.3 103.3 103.3	103.3 103.3 103.3 103.3	133.3 133.3 133.3 133.3
6 F 6 F 6 F 6 E	5 u 0 4 u 0 3 u 0 2 u 0 1 u 1	וי וו וו	31.5 31.5 31.5 31.5 31.5	55.0 55.0 55.0 55.0	74.3 74.3 74.3 74.3 74.3	77.4 77.4 77.4 77.4 77.4	91.4 31.4 81.4 91.4 81.4	81.9 31.9 31.9 31.7 61.7	91.9 91.9 91.9 91.9	34.6 34.6 34.6 34.6	95.5 95.5 95.5 95.5 95.5	97.3 97.3 97.3 97.3 97.3	99.5 99.5 99.5 99.5	99.7 99.7 99.7 99.7 99.7	100.0	103.3 103.3 103.3 103.3	133.3

GLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR WIATHER SERVICE/MAC

### PERCENTAGE FREGJENCY OF DOCUMENCE OF CELLING VERSUS VISIBILITY FROM HOURLY DESERVATIONS.

		015415	3, 2, 1	_		A SENES					HTUCP		43752	(EST):	3503-35	133
IL ING	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •			IN STAT			• • • • • • •		• • • • • • •	• • • • • • •	•••••
FELT	1 10 1 eF	3E 6	6 E 5	5E 4	3 E 3	5E 2 1/2	3E 2	3: 1 1/2		3 E 1	3E 374	55 5/8	5£ 172	5/15	3E 174	3E 3
CEIL		7 - 1	36.3	58.3	59.5	55.4	55.4	72.3	74.9	75.1	75.1	75.3	75.3	75.5	15.5	75.5
Zuban	ı	9.2	43.4	68.?	69.9	78.2	79.2	84.8	37.4	85.2	88.6	89.3	89.5	99.3	93.3	<b>?</b> ].]
18000		7.2	43.4	56.2	69.9	73.2	73.2	94.8	37.4	93.2	89.5	89.3	87.3	97.3	93.3	<b>?).</b> )
16030		9.2	43.4	58.2	69.9	73.2	79.2	84.5	37.4	89.2	88.6	89.3	99.5	99.3	¥3.3	33.3
14000		9.2	43.0	58-3	73.1	75.4	78.4	85.1	97.7	93.4	89.7	94.6	97.3	93.5	93.5	3 3 * 2
15000	1	11-1	48.3	13.1	75.4	84.4	94.4	91.2	93.8	94.5	95.0	95.7	95.3	95.4	95.7	95.7
10000	1	11.1	48.3	73.7	75.4	84.4	84.4	91.2	93.8	94.5	95.0	95.7	95.3	75.4	95.7	35.7
4030		11.1	48.5	73.1	75.4	84.4	34.4	91.2	93.B	94.5	₹5.3	95.7	96.3	95.4	95.7	25.7
8000		11.1	48.5	73.7	75.4	94.4	34.4	91.2	93.8	94.5	95.0	95.7	95.3	95.4	95.7	75.7
1000	•	11.1	48.5	73.7	15.4	94.4	84.4	91.2	93.A	94.5	95.0	95.7	95.3	32.4	95.7	75.7
6.10	1	11.1	48.3	73.7	75.4	84.4	94.4	91.2	93.8	94.5	95.3	95.7	95.3	95.4	95.7	95.7
5000	,	13.3	50.5	75.3	11.5	95.5	96.5	93.4	96.0	95.7	97.2	97.9	78.1	98.5	98.8	99.3
44.37	1	13.3	50.5	75.3	11.5	35.5	96.5	93.4	35.3	95.7	97.2	97.9	99.1	98.5	99.9	73.3
40.30	1	13.3	50.5	75.1	77.5	95.5	85.5	95.4	₹5.D	95.7	97.2	97.9	₹3.1	93.5	99.3	73.3
30.10		13.3	50.5	75.1	77.5	85.5	95.5	93.4	75.3	95.7	97.2	97.9	93.1	93.5	99.9	73.3
10 Ja	1	13.3	50.5	75.3	77.5	86.5	46.5	93.4	35.0	95.7	97.2	97.9	73.1	93.5	93.9	****
25.30	1	15.5	50.5	15.5	77.5	95.5	85.5	93.4	₹6.0	95.7	97.2	97.9	93-1	93.5	99.8	19.3
	t	13.5	50.7	10.1	11.1	35.7	35.7	93.5	95.2	95.9	97.4	98.1	₹3.3	99.3	99.1	77.1
r jako	1	13.5	50.1	76.1	71.1	95.7	35.7	93.5	₹5.2	95.9	97.4	98.1	93.3	93.3	99.1	77.1
11-17		13.5	59.1	16.1	17.1	35.7	35.7	93.6	76.2	95.9	97.4	95-1	93.5	93.3	99.1	99.1
1217	1	13.5	50.9	76.3	78.3	97.3	97.3	93.8	75.4	97.2	97.5	98.3	93.5	77.1	99.3	99.5
r 1030	1	13.5	50.4	16.5	78.2	87.2	87.2	94.1	95.7	97.4	97.9	98.6	93.9	77.3	99.5	77.3
9.10	1	13.5	53.4	10.5	14.2	31.2	31.2	94.1	95.7	97.4	97.9	98.6	23.9	99.3	99.5	77.5
F 70		13.5	51.2	76.5	74.4	97.4	87.4	94.3	35.9	97.6	99.1	95.9	99.1	34.2	99.9	77.3
7.3.1		13.5	51.4	11.1	79.1	37.7	37.7	94.5	₹7.2	97.9	99.3	99.1	99.3	99.3	133-3	100.3
	1	13.5	51.4	77.)	74.7	97.7	87.7	94.5	97.2	97.9	99.3	39.1	<b>??.</b> 3	99.3	100.0	133.3
+ ,,;		13.5	51.4	77.3	78.7	91.1	97.7	94.5	97.2	97.9	99.3	99.1	79.3		100.0	
4.30		13.5	51.4	77.1	18.1	47.7	37.7	94.5	<b>∌1.2</b>	97.9	98.3	34.1	99.5	99.3		133.3
*J"		13.5	51.4	11.)	79.7	31.1	97.7	94.5	₹7.2	97.9	99.3	99.1	99.3		133.3	
2.12		13.5	51.4	77.)	19.7	31.7	37.1	94.5	¥7.2	97.9	99.3	99.1	99.3	97.3	100.0	
i 1)^	ı	13.5	51.4	77.1	79.1	91.1	97.7	94.5	¥7.2	97.9	78.3	94-1	77.3	77.3	133.3	1)).)
n	£	13.5	51.4	77.3	78.7	91.7	47.7	94.5	91.2	97.9	99.5	99.1	21.5	97.9	103.3	133.3

GLUGAL CEIMATOLOGY BRANCH. AIR WIATHER SERVICE/MAC

PERFORM SUBSECT ASSOCIATED TO SUBSECT ASSOCIATIONS OF SUBSECT ASSOCIATIONS.

STATION NUMBER: 616413 STATION NAME: DAKAR SENELAL PERIOU OF RECORD: 75-85 40414: FE3 40URS(LSI): 3300-3533 G £ 5/8 1/2 5/15 1/4 NO CETE I 7 . U 53.7 61.3 71.3 71.3 93.5 50.2 75.3 33.5 50.5 90.6 31.1 91.1 61.1 91.1 PE 500301 79.4 79.4 79.4 9.4 8.4 38.2 67.1 68.2 68.2 79.1 79.1 87.5 73.3 93.5 93.5 93.5 93.5 93.5 93.5 91.1 91.1 91.1 91.1 90.5 11.1 87.5 87.5 93.3 93.3 90.6 GE 180001 91.1 68.2 79.1 UF 160301 4.4 38.2 57.1 91.I 91.1 91.1 **₹1.1** SE 14000L 9.5 38.4 57.7 65.5 79.7 79.9 88.0 90.8 91.1 91.1 91.4 7ü.> GE 120301 40.9 83.3 75.5 92.2 90.3 33.4 GE 100301 40.9 95.3 95.3 95.3 95.3 70.3 95.3 95.3 95.3 95.5 95.5 95.5 95.5 95.3 95.9 95.8 งกบกโ 9.5 40.9 70.5 71.6 83.U 83.3 92.2 ₹5.0 ₹5.0 95.8 95.3 75.3 75.3 1000 9.5 40.9 83.0 43.3 70.3 71.6 73.3 70.5 i.F 70.101 9.5 40.9 71.5 93.3 33.3 92.2 25.0 95.3 75.9 15.3 GE 60701 40.9 95.J 92.2 35.3 73.3 73.3 93.5 93.5 93.5 93.5 50001 96.1 95.0 78.1 98.1 43.7 74.4 74.4 85.8 95.8 97.8 97.8 99.1 93.5 12.3 12.3 95.0 95.0 98.3 99.5 45.101 86.1 93.5 93.5 40301 36.1 99.1 43.7 74.4 97.B 99.1 98.3 48.5 υE 35001 12.3 73.3 85.8 86.1 95.3 93.1 93.5 25301 12.3 43.7 73.3 74.4 74.4 85.8 97.8 93.1 98.1 99.1 98.3 98.3 93.5 93.5 93.5 99.5 99.5 85.1 85.8 85.9 85.1 20001 95.0 ĿΕ 12.3 86.1 39.5 93.5 12.5 73.3 73.5 74.4 74.7 98.3 98.6 93.5 93.9 93.3 G.F 18201 43.7 35.1 95.3 **∌7.**8 93.1 99.1 44.0 15331 95.3 99.3 ьŁ 95.4 29.1 99.3 68 12301 12.5 44.0 73.5 14.7 95 41 85 5 95 5 97 2 75.2 75.2 75.9 75.8 12.8 86.9 86.9 95.8 95.8 99.9 98.9 99.9 99.2 99.4 43.4 99.4 10301 74.1 98.6 22.4 9301 44.3 74.1 78.6 **.* ... 44.8 95.4 39.2 ĢΕ ROOL 12.8 87.5 99.4 99.4 99.7 133.3 103.3 133.3 111.1 99.4 133.3 87.5 100.0 133.3 133.3 u € 6001 12.8 44.8 74.1 75.8 97.5 27.2 97.4 99.4 99.7 100.0 102.3 74.7 74.7 75.8 75.8 87.2 87.5 87.5 96.4 96.4 99.2 99.2 99.2 99.4 99.4 99.4 99.4 99.7 133.3 100.0 ı, F 5 10 1 12.8 44.8 4001 44.8 100.0 100.0 100.0 74.7 74.1 3001 44.8 75.9 75.9 91.2 31.2 37.5 87.5 95.4 99.4 99.4 99.4 99.4 99.7 GF 12.8 111.1 103.3 100.0 111.1 2301 133.3 100.1 100.0 177.3 131.5 L.F 1 10 1 12.8 44.8 14-1 75.4 97.5 39.2 99.4 99.4 99.7 133.3 131.1 133.3 10 GE 12.8 44.8 74.7 75.4 97.2 87.5 96.4 23.2 99.4 39.4 99.7 133.3 133.3 131.3 133.3

GLOBAL CLIMATOLOGY BRANCH USAFÇTAC AIR "EATHER SERVICE/MAC

PERCENTAGE FRELIENCY OF DECURRENCE OF CELLING VERSUS VISIBILITY FROM HOURLY DASSERVATIONS

STATION NUMBER: 616413 STATION WATE: DAKAR SENEGAL

PERIOD OF RECORD: 75-85
MONTH: FER HOURSLISTE: 1040-3731

												40414			11511:		33	
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	IN I	ĞE	űE	G į	SE	SE	<b>3</b> €	3 E	3.5	SE	35	SE	G.E	SE	5 :	3.6	2 د	
FE	ET I	10	t	5	•	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/15	1/4	J	
								• • • • • •			• • • • • •	• • • • • •			• • • • • •			• •
							ļ											
GP	CEIL	• 2	7.6	35.6	55.7	57.1	63.2	53.2	69.9	71.2	71.2	71.2	71.5	71.5	71.7	71.7	71.7	
	200301	• 2	10.3	43.2	56.4	67.3	74.7	74.7	83.3	35.2	95.2	95.2	B5.4	95.4	95.5	85.5	35.3	
	19030	• 2	13.3	43.2	55.4	67.9	74.7	74.7	83.3	35.2	95.2	85.2	95.4	35.4	85.5	85.5	35.3	
	160301	• 2	10.3	43.2	66.+	67.9	74.7	74.7	63.3	95.2	85.2	85.2	85.4	95.4	85.5	85.5	95.9	
	140301	• 2	10.3	43.2	56.4	67.8	74.7	74.7	83.3	35.2	85.2	85.2	85.4	95.4	95.5	85.5	95.3	
LE	150001	• 2	11.6	48.9	73.7	75.1	82.2	92.2	92.3	93.8	93.8	73.9	94.1	71.1	94.3	94.5	74.5	
	100301	• 2	11.6	48.9	73.7	75.1	32.2	92.2	92.0	93.8	93.6	93.9	94.1	94.1	94.3	94.3	94.5	
GE	90301	• ?	11.6	48.9	13.1	75.1	82.2	82.2	92.0	93.8	93.8	93.5	94.1	94.1	94.3	94.3	74.5	
61	80301		11.6	48.9	73.7	75.1	82.2	42.2	92.0	#3.B	93.8	93.9	94.1	94.1	94.5	94.3	94.5	
GE	10701		11.5	48.9	13.1	75.1	92.2	82.2	92.0	93.8	93.8	93.9	94.1	94.1	94.5	94.3	94.5	
úΕ	60301	• 2	11.6	48.9	73.7	75.1	82.2	32.2	92.0	33.B	93.8	93.9	94.1	94.1	94.3	94.3	74.5	
•							3				. , , ,					,		
٠Ε	50301	. 2	15.8	53.0	77.7	79.2	95.3	95.3	95.1	97.9	97.9	97.9	98.2	93.7	93.4	99.4	23.5	
üΕ	45301	• 2	15.8	53.0	77.7	79.2	86.3	86.3	96.1	97.9	97.9	97.9	98.2	93.2	93.4	93.4	73.5	
GE	40301	• 2	15.8	53.0	77.3	79.2	86.3	86.3	96.1	77.9	97.9	97.9	98.2	99.2	99.4	99.4	79.5	
ú€	35 101	. 2	15.8	53.0	77.3	79.2	95.3	95.3	95.1	₹8.2	93.2	99.2	98.4	99.4	73.5	99.5	79.7	
ĿΕ	30.001	• 2	15.8	53.0	77.7	79.2	85.3	86.3	95.1	78.2	99.2	98.2	98.4	73.4	93.5	93.5	?3.7	
G€	25.30	• 2	15.B	53.0	77.7	19.2	95.3	86 + 3	96.1	98.2	99.2	99.2	98.4	33.4	94.5	93.5	93.9	
٥E	20001	• 2	15.8	53.u	11.7	19.2	96.3	86.3	96 - 1	39.2	99.2	98.2	98.4	93.4	93.5	93.5	93.9	
υE	14001	• 2	15.8	53.0	17.3	79.2	86.3	86.3	96.1	98.2	99.2	98.2	98.4	93.4	93.5	99.5	93.9	
G.E.	15 JO	• 2	16.4	53.7	78.5	79.9	37.3	37.3	95.9	79.9	99.9	98.9	99.1	99.1	99.3	97.3	77.5	
6 E	1230	• 2	16.4	53.9	78.3	8 O • 1	87.2	37.2	97.J	99.1	99.1	99.1	99.3	99.3	97.5	99.5	99.3	
				- :-					97.3	77.1	99.1	99.1	99.3	99.3	99.5	97.5	99.9	-
GE GE	10101	• 2	16.4 16.4	53.9 53.9	78.3 78.3	83.1 80.1	87.2 87.2	87.2 87.2	97.0	99.1	99.1	99.1	99.3	99.3	99.5	99.5	77.3	
GE	1009	• ?	16.4	54.1	79.3	83.4	37.1	37.4	97.3	99.3	99.3	99.3	99.5	99.5	97.3	97.9	133.3	
6 E	7301	.2	10.4	54.1	79.)	87.4	97.4	87.4	97.3	39.3	99,3	99.3	99.5	99.5	99.3	97.9	133.3	
GE	6301	• 2	16.4	54.1	19.3	83.4	37.4	87.4	97.3	99.3	99.3	99.3	99.5	99.5	99.3	99.9	133.3	
٠.	0501	••		,,,,,		30.1	3	3	,,,,	,		, ,	,	.,.,		,,,,		
ù E	5001	.2"	15.4	54.1	79.3	83.4	97.4	87.4	97.3	29.3	99.3	99.3	99.5	99.5	99.3	99.9	133.3	
ŪĒ	4001	• 2	16.4	54.1	79.1	83.4	97.4	87.4	91.3	99.3	99.3	99.3	99.5	99.5	99.3	99.9	123.3	
r, E	3301	• 2	15.4	54.1	79.3	87.4	87.4	97.4	97.3	29.3	99.3	99.3	99.5	99.5	99.3	97.9	100.0	
GE	2301	• 2	15.4	54.1	79.)	53.4	87.4	97.4	97.3	39.3	99.3	99.3	99.5	99.5	97.3	47.8	133.3	
υE	1001	• 2	15.4	54.1	19.1	80.4	37.0	87.4	97.3	99.3	99.3	99.3	99.5	99.5	99.3	99.8	133.3	
GE	0	• 2	16.4	54.1	79.3	83.4	87.4	B7.4	97.3	29.3	99.3	99.3	99.5	99.5	99.8	99.9	133.3	
					• • • • • •		• • • • • •					• • • • • •					• • • • • • • •	• •

GEOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE PREGUENCY OF OCCURRENCE OF CELLING VERSUS VISIBILITY
FROM HOUSEY OBSERVATIONS

STATION NUMBER: 616410 STATION VOLTATE PERIOD OF RECORD: 75-35 MONTH: JAN 40JRS(LS1): CETETA š£ ---CELLINS

IN 1 GE SE GE GE GE GE FEET 1 10 6 5 5 4 5 2 1/2 1/2 5/15 5/6 1/4 3 NO CLIL I 34.0 34.0 59.2 59.2 73.5 73.7 73.7 52.5 52.1 5 7 • 3 5 7 • 3 72.8 72.9 74.5 74.5 77.2 77.2 77.3 77.3 71.3 77.2 UE 180001 16.8 50.7 67.8 75.5 PE 160301 34.0 50.2 52.7 53.1 59.3 59.2 71.4 71.8 72.9 73.3 74.6 75.5 77.2 11.2 11.7 77.3 GE 140301 51.5 15.9 68.3 74.1 0E 120301 .2 20.9 20.9 20.9 GE 100301 41.8 51.3 73.9 87.3 87.3 87.3 87.3 58.4 88.4 88.4 91.3 85.4 93.5 93.5 93.5 90001 10008 51.3 63.5 71.2 81.1 81.1 34.8 95.4 91.3 91.3 91.4 űΕ 41.8 70.9 91.3 91.4 91.4 70001 23.9 91.3 51.3 71.2 81.1 34.8 85.4 60301 23.9 51.1 63.9 73.9 29.1 29.1 29.1 29.1 29.1 19.3 79.3 79.3 19.3 89.3 89.3 89.3 94.5 94.5 94.5 95.4 95.4 95.4 96.5 96.5 96.5 79.3 92.9 92.9 )).5 50001 50.0 70.) 77.3 97.4 99.4 50.0 70.3 70.3 12.3 93.9 93.8 93.9 99.4 45301 ù E 40001 . 2 50.0 79.0 92.9 92.9 99.5 30001 50.0 73.) 25 301 29.1 50.0 70.1 70.1 12.J 12.J 79.3 79.3 79.4 89.3 99.3 ₹2.9 ₹3.3 94.5 94.6 95.4 95.5 96.5 96.6 99.3 93.8 99.4 97.4 97.5 99.5 99.5 29.1 20001 79.1 79.4 79.4 94.6 18001 10.3 12.3 93.0 93.0 95.5 95.5 96.6 93.9 99.5 99.5 50.0 89.3 99.5 1530 50.1 70.1 29.2 SΕ 17301 50.1 70.1 72.1 79.2 79.5 89.4 73.1 94.7 95.5 96.7 99.3 77.7 27.7 93.3 93.3 93.3 95.8 95.8 95.8 96.9 96.9 97.0 (.F 10001 29.3 50.3 79.4 94.9 99.1 99.2 99.8 ;;.; 70.5 79.7 9001 . 2 29.3 50.3 70.3 12.3 79.7 73.4 79.4 79.7 89.7 94.9 99.2 97.9 GΕ 50.3 99.3 133.3 7301 29.4 50.3 70.4 LE 6301 29.4 50.3 70.4 72.4 79.8 79.7 89.7 23.3 94.9 97.0 77.2 133.3 29.4 29.4 29.4 79.4 79.4 79.4 95.9 95.9 95.9 95.9 •? 72.4 72.4 72.4 5301 50.3 78.4 78.4 73.4 73.4 79.7 89.7 89.7 33.3 33.3 97.0 97.3 99.2 99.2 99.2 99.3 97.9 133.3 79.7 79.7 4 20 i 50.3 3001 50.3 94.9 97.3 89.7 93.3 133.3 2301 27.4 50.3 72.4 79.4 79.7 87.7 73.3 94.9 97.3 99.2 99.9 50.3 73.3 94.9 1111.1 0.1 89.7 23.3 94.9 95.9 97.3 99.9 133.3

GLUBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREGUENCY OF OCCURENCE OF CHILING VERSUS VISIBILITY FROM HOUSEY DASCRAFILING

STATION NUMBER: 615413	STATION NATE:	DAKAR SENLIAL	2E9130 OF RECORD: 75.78-35	
			: (TZJ)25UCH NAL : HTVOM	

•••			0.0	3, 4, 6,		. ,,,,	. 3. 1.3					HONTH		H3U42		2100-25	33
LEI	LINS	••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •		311114	IN STAT	JTS 416	• • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • •
	N 1	GL	5 E	<b>5</b> :	GΕ	St	a ž	5£	3.5	SE	5 E	SŁ	Úξ	3 £	3.5	5 5	3.5
FL	E1 1	13	b	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	3/6	1/2	5/15	1/4	j
N O	CEIL I	. 8	11.1	25.5	39.>	41.6	48.7	48.7	55.5	57.9	59.5	57.5	60.5	62.1	52.1	62.1	52.1
	100001	. 8	12.1	28.4	46.5	49.5	56.3	26.9	65.1	13.3	72.4	73.4	73.4	75.5	75.5	75.5	75.5
	18010	• 9	12.1	28.9	46.3	49.5	55.3	56.9	65-1	77.3	72.4	73.4	73.4	15.5	75.5	75.5	75.5
	160001	. 8	12.1	28.9	46.5	49.5	56.3	56.9	66.1	70.3	72.4	73.4	73.4	75.5	75.5	75.5	73.5
	140301	- 8	12.1	29.2	47.1	50.0	57.4	57.4	66.6	73.8	72.9	73.9	13.9	75-1	75.1	75.1	75-1
SΕ	120001	. 9	14.2	35.0	56.,	63.3	51.9	57.9	78.2	32.4	94.5	85.5	85.5	39.4	93.4	83.4	33.4
	100301	. 8	14.2	35 - 0	56.5	60.3	57.9	57.9	78.2	32.4	94.5	85.5	85.5	33.4	93.4	49.4	33.4
ĿΕ	9030	• B	14.2	35.D	56.3	60.3	57.9	57.9	73.2	32.4	94.5	85.5	85.5	19.4	9 3 . 4	69.4	33.4
υE	80301	. 8	14.2	35.0	56.3	60.3	67.9	67.9	78.2	32.4	84.5	85.5	35.5	99.4	93.4	89.4	33.4
۵£	1000	• •	14.2	35.0	56.3	60.3	67.9	67.9	78.2	32.4	84.5	85.5	85.5	88.4	88.4	83.4	33.4
٥E	60001	٠,٩	14.2	35.0	56.5	63.3	67.9	67.9	78.2	32.4	94.5	85.5	85.5	33.4	83.4	81.4	33.4
 υE	50001	.8	25.0	45.8	57.4	71.1	75.7	79.7	89.9	93.2	95.3	96.3	96.3	77.2	99.2	99.2	**.2
6.E	45101	. 5	25.0	45.8	67.4	71.1	75.7	78.7	88.9	93.2	95.3	96.3	96.3	33.5	94.2	99.2	33.5
υE	40001	. 8	25.0	45.8	57.4	71.1	73.7	79.7	99.9	₹3.2	95.3	96.3	96.3	99.2	99.2	99.2	99.2
GE	3500	. 8	25.0	45.8	67.4	71.1	78.7	79.7	88.9	93.2	95.3	96.3	96.3	33.2	99.2	99.2	33.2
Ŀ€	30701	• B	25.0	45.8	57.1	71.1	79.7	79.7	88.9	93.2	95.3	96.3	96.3	99.2	99.2	99.2	33.2
 G£	25.701	• В	25.0	45.8	57.4	71.1	78.7	79.7	83.9	93.2	95.3	96.3	96.3	99.2	99.2	99.2	99.2
í. E	50331	• B	25.0	45.8	67.4	71.1	78.7	78.7	88.9	93.2	95.5	96.5	96.6	99.5	99.5	99.5	33.5
ŭ€	18081	. 8	25.0	45.8	57.4	71 - 1	78.7	78.7	88.9	33.2	95.5	96.5	96.5	,,,,	99.5	99.5	33.5
C.F	1530	• B	25.0	45.8	67.4	71 - 1	78.7	78.7	88.9	₹3.2	95.5	16.5	96.6	99.5	99.5	99.5	99.5
6 E	10001	. е	25 • U	45.8	57.4	71.1	79.7	78.7	89.7	₹3.2	95.5	95.5	96.5	99.5	99.5	99.5	33.5
 - GE	ionoi	. A	25.3	46.3	57.7	71.6	79.2	79.2	87.5	33.7	95.1	97.1		133.3			
G E	9.0	. 8	25.3	46.3	51.7	71.6	79.2	79.2	89.5	₹3.7	96.1	97.1				100.0	
U.€	8301	. 6	25.3	46.3	67.7	71.6	79.2	79.2	89.5	+3.7	96 - 1	97.1		133.3			
GE	7301	. 8	25.3	46.5	57.7	71.6	79.2	19.2	89.5	13.7	95 - 1	97.1		133.3		100.0	
6 E	6001	. 8	25.3	46.3	57.7	71.5	79.2	79.2	89.5	33.7	95.1	97.1	97.1	133.3	133.3	100.0	133.3
 . UE	5.401	. 8	25.3	46.3	57.7	71.6	79.2	79.2	89.5	93.7	95.1	97.1		133.3			
L.E	4301	. 5	25.3	46.3	57.7	71.5	79.2	19.2	99.5	93.7	95.1	97.1				103.3	
U.E	3001	. 8	25.3	46.3	67.7	71.6	19.2	79.7	89.5	93.7	96,1	97.1		133.3			
υE	5301	• A	25.3	46.3	57.7	71.6	79.2	79.2	B9.5	93.7	96.1	97.1	97.1	133.3		103.3	
ĢĒ	130	. 8	25.3	46.3	57.7	71.5	19.2	79.2	89.5	33.7	75.1	97.1	71.l	133.3	133.3	101.3	111.1
 GE	01	. 8	25.3	46.3	57.7	71.6	79.2	79.2	89.5	73.7	95.1	97.1	97.1	133.3	100.3	100.3	111.1
		• • • • •	• • • • • •	• • • • • • •	• • • • • •							• • • • • •		• • • • • • •	• • • • • •	• • • • • •	• • • • • • • •

TOTAL NUMPER OF OBSERVATIONS: 310

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GEORGE VECTOR TOLDEY BRANCH AIR MEATHER SERVICE/MAC

PERCENTAGE FREGGERY OF OCCURRENCE OF CETCING VERSUS VISIBILITY

ONOTING PROPERTY OF CETCING VERSUS VISIBILITY

STATION NUMBER: 616413 STATION NAME: DAKAR SENESAL

PERIOD OF RECORD: 75-45 MONTH: JAN HOURS(LST): 1903-2303 CEILING VISIBILITY IN STATUTE HILES GE 3E IN | GE FEET | 10 5E 1/4 5E 31 3E 2 1 1/2 1 1/4 3.5 GE 3 E 3 1 3/4 5/8 1/2 5/15 I LILLO CH 38.3 45.3 49.9 54.9 54.9 72.7 72.7 72.7 25.9 UE 200301 45.7 48.2 55.3 62.3 55.3 65.6 58.9 71.4 55.6 65.6 67.3 72.9 72.9 25.9 25.9 33.8 45.7 48.2 55.3 62.0 55.0 55.0 57.4 58.9 71.4 12.9 61 180001 100001 67.4 GE 1403D1 26.1 34.0 46.5 48.6 55.3 55.7 62.4 55.4 67.9 69.3 73.3 73.3 73.3 33.5 96.4 71.2 62.2 59.9 69.9 79.5 79.5 79.5 33.5 33.5 33.5 33.5 94.1 94.1 94.1 85.3 85.3 95.4 96.4 96.4 37.5 91.2 91.2 ?1.? ?1.2 33.4 44.1 59.3 70.4 Ŭ E 90301 8000 33.4 44.1 59.7 62.2 91.2 91.2 91.2 5 E 44.1 69.9 85.3 86.4 70001 33.4 59.7 62.2 73.4 79.5 84.1 87.9 91.2 91.2 21.2 50301 45301 42.0 52.6 52.6 73.8 73.8 ??.3 ??.3 58.5 78.5 75.5 1.88 92.7 19.9 78.9 €2.1 €2.1 93.3 93.3 93.3 93.5 95.5 93.5 95.0 99.3 99.5 42.0 52.6 52.6 73.9 70.9 78.9 75.9 88.1 92.1 92.7 95.0 99.3 99.9 G.E 40301 58.3 78.5 ,,,, 35001 GΕ 58.5 78.5 22.3 30001 42.0 52.6 70.8 6 E 6 E 52.6 52.6 52.6 58.3 58.3 73.8 73.8 73.8 78.5 73.5 78.5 78.9 78.9 78.9 89.1 89.1 89.1 92.1 92.1 92.1 92.7 92.7 92.7 92.7 93.5 93.5 93.5 95.3 95.3 95.3 99.3 93.3 99.3 99.9 99.8 99.8 25 10 1 42.0 42.0 ;;.; 50221 19301 73.3 66.3 99.3 GF 12301 42.3 52.6 58.3 72.8 78.5 78.9 89.1 12.1 78.7 73.7 73.7 92.3 92.3 93.7 93.7 93.7 10101 42.2 58.7 88.3 92.9 95.2 93.5 υE 52.8 71.3 79.1 100.0 133.3 111.1 52.8 71.3 79.1 GE GE 9201 1008 107.3 100.0 42.2 58.7 88.3 92.9 95.2 73.5 133.3 133.3 7401 71.0 6£ 6301 42.2 52.8 56.7 71.3 78.7 79.1 88.3 22.3 95.2 99.5 100.1 100.0 133.3 Sunt 42.2 92.9 92.9 92.9 52.€ 71.0 79.7 78.7 88.3 92.3 92.3 93.7 93.7 95.2 93.5 υE 58.7 79.1 101.1 100.0 4301 3301 71.3 υE 42.2 52.8 55.7 171.1 133.3 93.7 42.2 52.8 78.7 79.1 88.3 92.3 92.3 95.2 95.2 G.E 58.7 93.5 133.3 101.1 1111.1 2401 52 - 6 71.3 1001 52.8 üΕ 42.2 55.7 71.3 15.7 79.1 88.3 22.3 92.9 93.7 95.2 93.5 100.3 100.3 133.3 n I 58.1 GE 42.2 52.6 71.7 79.7 79.1 88.3 92.3 92.9 93.7 75.2 99.5 173.1 103.2 133.3

SECRETAC SELECTION OF STREET AIR WEATHER SERVICE/MAC

#### SERCTALVE LYEARINGA OF OCCUBBEINDE OF CELTIAP AEBRAR ATTENTION

STATION NUMBER: 616413 STATION NAME: DAKAR SCHESAL PERIOD OF RECORD: 75-85 CC11-Cu21: 112-1284CH VAL : HTVCF S 1 1/2 1 1/4 1 CEILINS IN 1 GE FEET 1 10 SE SΕ 3 2 1/2 FEET | 10 3/4 5/8 1/2 5/15 1/4 39.5 17.2 24.8 33.2 NO CLIL I 33.2 40.3 47.7 49.4 47.6 50.6 52.5 55.4 55.1 55.1 55.1 SE Zanani 24.6 33.9 51.5 51.5 61.5 74.5 74.5 74.5 75.2 75.2 75.2 75.2 75.2 75.2 55.1 57.8 71.5 55.3 65.6 59.5 75.2 75.2 46.1 24.6 24.6 25.1 GE 180301 33.9 46.1 46.9 55.1 55.1 55.8 65.6 57.8 57.8 59.5 71.6 GE 160301 73.2 69.5 OF IMPORT 34.6 47.5 56.1 58.7 77.4 12.5 6E 120301 31.3 30.7 82.3 95.2 99.5 83.5 31.3 SE 100001 41.8 55.3 56.5 55.3 57.1 79.5 33.7 91.4 92.3 95.2 33.1 99.3 83.9 1000e 10008 31.3 41.8 55+3 55+3 56.5 55.3 55.3 57.1 57.1 79.5 78.5 33.7 91.4 \$2.3 82.3 35.2 35.2 33.1 93.1 59.9 89.9 33.3 20001 31.3 51.3 41.8 55.3 55.1 56.6 66.3 78.5 78.5 80.7 80.7 95.2 5030] 4539] 52.3 56.3 92.3 92.9 92.9 92.9 89.J 91.9 91.9 99.3 ??.3 ??.3 95.7 95.7 95.7 GE 41.8 67.1 76.8 77.5 77.6 21.2 93.5 93.5 99.3 40301 52.3 67.1 76.8 89.0 35301 52.3 77.6 89.3 91.2 99.3 41.8 56.5 67.1 76.8 91.9 23.5 99.3 30001 G E G E 52.3 52.5 #1.2 #1.4 91.9 92.1 95.7 25301 41.8 67.1 75 · 8 77 · 1 17.6 17.9 97.9 93.1 91.5 99.3 99.5 99.5 20001 42.0 56.3 89.3 23.3 17.5 GE 18301 15301 42.0 52.5 66.5 67.3 77.1 77.1 77.8 77.9 89.3 91.4 92.1 93.1 95.9 99.5 G E 42.0 89.3 92.1 93.1 93.1 95.9 47.5 ... 56.3 93.3 99.5 G€ 12301 42.0 52.5 77.1 10001 42.5 53.p 53.p 57.1 57.1 67.8 77.5 77.6 79.3 79.3 89.7 )1.9 )1.9 92.6 93.5 96.4 ??.3 ??.5 133.3 100.0 133.3 53.0 53.0 57.1 67.9 77.6 77.6 78.3 78.3 89.7 91.9 91.9 92.6 92.6 93.6 103.3 1008 42.5 96.4 99.3 133.3 7.10 42.5 96.4 99.5 103.3 100.0 6 E 6 10 1 42.5 53.0 77.6 93.5 5 Jn | 4 Jn | 42.5 42.5 53.U 53.U 57.1 57.1 67.9 77.6 77.6 89.7 89.7 )1.9 )1.9 92.6 93.5 93.5 96.4 96.4 ;;.5 100.3 133.3 133.3 79.3 79.3 42.5 53.0 53.0 57.1 57.1 67.5 11.6 78.3 78.3 89.7 91.9 91.9 92.6 93.6 96.4 103.3 ωE 3301 99.3 133.3 111.1 2301 99.3 100.0 133.3 GF 1.101 42.5 53.0 67-1 67.9 11.6 79.3 89.7 91.9 92.6 93.5 96.4 99.5 100.0 100.0 133.3 n I 42.5 53.0 57.1 67.9 77.6 G.F 74.3 99.7 31.9 92.6 93.4 76-4 22.5 101.1 111.1 111.1

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WIATHER SERVICE/MAC

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DASERVATIONS

517	ATION NUMBER:	616413	STATIO	N NATE:	DAKAR	SENESA	L				2E2133	OF REC	)?); 75	-35		
											HIVCP			(LST):	1503-14	33
33	IL INS	• • • • • • •	• • • • • • •	• • • • • • •		•••••			IN STAT.			• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••
	IN 1 GE .ET 1 10	3 E 6	GE 5	ύ£ +	3 E 3	3E 2 1/2	3 E 2	3E 1 1/2	3E 1 1/4	3E 1	SE 3/4	GE 5/8	7 \ 5 2 E	5± 5/15	35 174	3£ 1
• • •		• • • • • • •	• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	•••••
N O	CEIL I	18.1	25.6	34.7	36.3	41.4	41.5	47.4	+9.1	53.2	51.3	52.4	54.7	55.4	55.4	55.4
 UE	100001	26.3	36.9	50.2	51.9	58.8	59.1	66.4	59.2	73.3	71.6	73.1	75.6	75.3	76.3	75.3
UΕ	18030	25.3	36.9	53.2	51.7	59.3	59.1	65.4	59.2	70.3	71.5	73.1	75.5	75.3	15.3	75.5
	16030	26.3	36.9	50.2	51.9	58.5	59.1	66.4	59.2	73.3	71.6	73.1	75.5	75.3	15.3	72.3
		26.3	37.1	50.+	52.2	59.1	59.3	65-6	59-4	73.5	71.8	73.3	75.9	75.5	75.5	75.5
GE	12030	31.9	44.6	50.3	63.1	73.9	11.3	79.7	32.5	93.5	34.9	96.4	39.3	97.7	89.7	37.7
 (4£	100301	31.9	44.6	50.3	63.1	70.9	71.3	79.7	32.5	83.6	84.9	86.4	47.0	89.7	89.7	39.7
υE		31.9	44.6	50.3	63.1	73.9	71.3	79.7	32.5	93.6	34.9	96.4	37.3	99.7	87.7	39.7
G E	80201	31.9	44.6	50.3	63.1	73.9	71.3	79.7	32.5	93.6	84.9	96.4	97.3	97.7	33.7	39.7
υE	10001	31.9	44.6	50.3	63.1	73.9	71.3	79.7	82.5	93.6	84.7	86.4	37.)	99.1	89.7	39.7
GE	10000	31.9	44.6	50.3	63.1	73.9	71.3	79.7	32.5	93.6	84.9	86.4	89.3	97.7	89.7	37.7
 _{GE}	50301	41.8	54.5	10.1	73.1	90.8	91.3	89.7	92.5	93.5	94.8	96.3	73.7	99.5	99.5	99.5
úΕ	45JN	41.8	54.5	73.7	73.1	90.9	91.3	89.7	72.5	93.5	94.9	96.3	73.7	99.5	99.5	**.,
GE	40301	41.8	54.5	70.7	73.1	83.8	81.3	89.7	92.5	93.5	94.9	96.3	?3.7	99.5	77.5	***
GE	3500	41.8	54.5	70.7	73.1	80.8	81.3	89.7	92.5	93.5	94.9	96.3	93.9	91.5	44.6	99.5
ú£	30301	41.8	54.5	70.7	73.1	80.6	81.3	89.7	72.5	93.5	94.9	96.3	93.9	99.5	99.5	,,,
 3E	25001	41.8	54.5	73.7	73.1	83.9	31.3	89.7	92.5	93.5	94.8	96.3	99.9	99.5	99.5	99.5
6 E		41.8	54.5	70.7	73.1	90.8	31.3	89.7	22.5	93.5	94.9	96.3	<b>?3.</b> ?	99.5	97.5	)).5
١٤	1830	41.8	54.5	70.7	73.1	90.9	91.3	99.7	32.5	93.5	94.9	96.3	93.9	99.5	99.5	77.5
٠٤	15001	42.0	54.7	70.7	73.3	91.3	31.5	89.9	12.7	93.8	95.0	96.6	99.1	99.3	99.3	??.s
ĿΕ	12001	42.0	54.7	70.9	73.3	81.0	81.5	89.9	92.7	93.8	95.3	96.6	77.1	6.66	99.8	77.5
 . GE	10301	42.2	55.0	71.1	73.5	81.3	91.7	93.1	12.9	94.3	y5.3	96.5	99.4	173.3	103.3	133.3
<b>し</b> €	9301	42.2	55.0	71.i	73.5	91.3	31.7	93.1	92.9	94.3	95.3	96.8	77.4	133.3	100.0	133.3
٥E	1008	42.2	55.0	71.1	73.5	91.3	31.7	93.1	32.9	94.0	75.3	96.8	93.4		103.3	
G€	7 30	42.2	55.0	71.1	13.5	91.3	31.7	93.1	₹2.9	94.3	95.3	96.8	99.4		133.3	
GE	6001	42.2	55.0	71.1	73.5	81.3	81.7	93.1	32.9	94.3	95.3	96.8	99.4	193.3	100.0	133.3
 G.E	5361	42.2	55.0	71.1	73.5	91.3	31.7	93.1	12.9	94.0	95.3	96.8		133.3		
G€	4301	42.2	55.0	71.1	73.5	91.3	81.7	93.1	72.9	94.3	95.3	96.8	??		100.0	
GE	3001	42.2	55.0	71.1	73.5	01.3	91.7	93.1	92.9	94.0	95.3	96.8	99.4	103.3		133.3
GE	5701	42.2	55.0	71.1	73.5	91.3	81.7	93.1	92.9	94.3	95.3	96.8	99.4		100.0	
GE	1001	42.2	55.0	71.1	73.5	81.3	81.7	90-1	92.9	94.D	95.3	96.8	99.4	1 33 • 3	103.3	133.3
GΕ	10	42.2	55.0	71.1	73.5	91.3	31.7	90.1	72.9	94.0	95.3	96.8	99.4	133.3	100.0	133.3

PERCENTAGE FREQUENCY OF DECURRENCE OF CETLING MERSUS MISTAILITY
FROM HOURLY DBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC PERIOD OF RECORD: 75-35 MONTH: JAN - 40JRS(LST): 3703-1100 VISIBILITY IN STATUTE MILES CEILING _____ IN | GE FEET | 10 SE SE 3 2 1/2 5E 3/4 3E 3E 3E 2 1 1/2 1 1/4 3E 5/15 5E 174 5/8 1/2 NO LETE 1 12.7 20-4 47.9 29.4 29.4 29.4 61.4 51.4 51.4 64.4 54.4 54.4 55.2 67.4 57.4 57.4 68.2 68.2 58.2 71.9 71.9 71.9 71.9 75.4 73.4 73.4 73.4 73.4 73.4 18.9 6E 2003nl 45.3 45.8 51.7 51.7 65.7 7 5 18.9 45.8 51.7 6E 183371 51.7 51.7 55.7 55.7 45.3 13 14030 GE 120301 38.0 56.7 90.3 89.1 3 ) 37.5 37.5 37.5 37.5 GE 100001 24.4 38.6 56.7 57.7 57.7 54.4 54.4 54.9 54.9 54.9 75.6 75.6 75.6 79.1 80.3 90.3 90.3 90.3 82.8 82.9 82.9 87.1 87.1 69.1 69.1 90301 24.4 38.6 38.6 79.1 99.1 93.8 80301 87.1 87.1 GΕ 55.7 3 ? 3 ? 70301 79.1 79.1 60001 38.6 24.4 56.7 93.3 82.9 74.4 74.4 74.4 74.9 74.9 74.9 92.8 92.8 92.5 97.5 97.5 97.5 50301 34.3 39.1 39.1 39.1 90.3 91.3 93.3 93.8 93.8 93.6 99.3 99.3 99.3 99.3 99.3 56.7 85.6 u E bE 45371 34.3 48.5 56.7 67.7 95.6 40301 34.3 74.4 35001 34.3 48.5 56.1 85.6 39.1 93.3 92.8 93.8 99.3 99.3 30001 85.6 93.3 GE GE 92.9 92.9 92.9 93.8 93.8 93.8 99.3 99.3 99.3 99.3 99.3 25001 85.6 39.1 93.3 97.5 97.5 97.9 74.9 74.9 75.1 10301 20301 34.3 48.5 48.5 55.1 56.1 74.4 74.4 95.5 85.6 37.1 93.3 67.7 15001 39.3 93.7 99.3 Ŭ€ 34.6 48.6 66.7 67.9 74.6 85.8 93.5 94.3 * * 10101 68.2 75.4 75.4 99.5 93.8 93.8 93.3 94.3 99.J 93.J 99.5 99.5 99.5 99.9 99.9 9 30 1 34.6 48.8 56.7 74.9 85.1 68.2 8 J D | 7 J D | 49.0 49.0 57.2 67.2 68.4 75.1 75.1 75.6 75.6 39.8 39.8 91.0 91.0 93.5 94.5 99.3 99.3 34.8 86.3 49.0 57.2 5001 4001 67.2 57.2 68.4 68.4 75.1 75.1 75.6 75.5 86.3 85.3 37.5 91.0 93.5 94.5 99.3 99.5 99.8 133 34 . 8 49.0 34.8 49.0 3001 34.6 34.8 67.2 51.2 69.4 75.1 75.1 75.5 75.5 39.8 39.8 91.0 91.0 93.5 94.5 99.3 99.3 97.5 133 49.0 86.3 49.0 86.3 75.6 1001 34 . B 49.11 57.7 75.1 86.5 37.9 91.3 93.5 94.5 93.3 99.3 97.9 133 34.8 49.0 0.1 67.7 68.4 75.1 75.6 85.3 99.9 91.0 93.5 94.5 99.3 97.3 99.8 133

CLOHAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PERCENTAGE FREIGHTOR OF DOCUMENTE OF CELLIAGE ACTIVITIES OF SERVICES OF CELLIAGE ACTIVITIES OF PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE

	AIR	HEAT	HER S	ERVICE/MA	c													
	5 T A	110v	NUMBL	R: 615417	STATE	ON NATE	: 344	IR SENES	<b>A</b> L					OF REC		-35 (LST):	3533-39	333
		L INS					• • • • • •				IN STAT							••••••
		N .	, 1 66	3.6	SŁ	GE	3£	â٤	GE	35	5E	35	5 65	GE	3 E	j.:	3 :	šE -
		ET			5	•		2 1/2		1 1/2		1	3/4	5/8	1/?	5/12	1/4	,,
													•••••	•••••		•••••		
	N O	CEIL	ı	3.8	31.8	48.3	49.9	55.5	53.5	59.5	51.6	62.9	63.1	63.3	53.3	54.5	64.6	54.3
		20000		7.5	37.1	58.,	60.6	64.5	64.8	73.1	11.2	79.9	79.3	79.5	33.2	91.3	81.3	91.2
		18330		7.5	37.7	58	63.5	54.5	54.9	73.1	77.2	73.9	79.3	79.5	93.2	81.3	61.3	31.2
		16030		7.5	37.7	50.5	63.5	54.5	64.9	73.1	77.2	79.9	79.3	79.5	33.2	91.3	91.3	31.2
		14030		1.5	38 • U	58.3	60.8	6++3	55.0	73.5	77.4	79.1	79.5	79.7	37.4	91.2	81.2	31.4
		12030		9.2	46.7	73.3	72.7	11.3	77.2	87.2	91.7	93.6	94.2	94.5	95.1	95.7	95.9	₹5.2
-	r.F	10000	, -		46.7	70.3	12.7	- 71.3	77.2	87.2	91.7	93.6	94.2	94.5	95.1	95.9	95.9	95.2
		9030		9.2	46.7	73.3	12.1	77.3	77.2	87.2	91.7	93.6	94.2	94.5	95.1	95.9	45.9	35.2
	υĘ	8030		9.2	46.7	70.3	72.7	77.3	77.2	87.2	91.7	93.6	94.2	94.5	95.1	95.7	45.9	33.2
	υŁ	7030		9.2	46.7	70.3	12.1	77.3	11.2	97.2	91.7	93.6	94.2	94.5	95.1	95.3	95.9	35.2
	GΕ	6030		9.2	46.7	70.3	12.7	77.3	77.2	87.2	91.7	93.6	94.2	94.5	95.1	95.9	95.9	95.2
	GE	5000		12.6	50.1	74.2	76.1	83.4	80.6	90.6	95.1	97.0	97.1	97.9	93.5	99.4	99.4	
	6E	4530		12.6	50.1	74.2	76.1	83.4	33.5	93.6	95.1	97.0	97.7	97.9	99.5	99.4	99.4	99.5
	υĒ	4030		12.6	50.1	74.2	76.1	83.4	83.6	97.6	95.1	97.3	97.7	97.9	93.5	99.4	99.4	77.5
	G E	3530		12.6	50.1	74.2	76.1	83.4	80.6	93.5	₹5.1	97.0	97.7	97.9	73.5	99.4	99.4	77.5
	ΰĒ	3000		12.6	50.1	74.2	76.1	83.4	80.6	93.6	₹5.1	97.0	97.7	97.9	99.5	99.4	99.4	77.5
	GE	2500	ı ·- ·-	12.6	50.1	74.2	76.1	93.4	80.6	90.6	95.1	97.0	97.7	97.9	93.5	97.4	99.4	99.5
	υĒ	2000	i	12.6	50.1	74.2	75.1	83.4	33.5	93.5	25-1	97.0	97.7	97.9	93.5	99.4	99.4	77.5
	υE	1830	ì	12.6	50.1	74.2	76.1	83.4	83.6	93.6	₹5.1	97.0	97.7	97.9	23.5	99.4	97.4	22.5
	GΕ	1500	İ	12.6	50.1	74.2	76.1	9.3.4	90.6	93.6	75.1	97.0	97.7	97.9	93.5	99.4	99.4	27.5
	6 E	1270	1	12.6	50.3	74.1	76.3	83.5	30.9	70.8	₹5.3	97.2	97.9		23.7	99.5	49.6	99.3
	 	1000		12.6	50.3	74.4	76.3	80.6	80.9	90.8	95.3	97.2	97.9	98.1	99.7	99.5	49.6	77.5
	Ŀξ	9 1 0	1	12.6	50.3	14.4	76.3	83.5	30.9	93.3	95.3	91.2	97.9	98.3	99.7	91.3	99.9	133.3
	Ŀŧ	8 10	1	12.6	\$0.3	74.+	76.3	93.5	90.9	93.8	75.3	97.2	97.9	98.3	73.7	77.3	99.9	133.3
	Ŀξ	7.30	í	12.6	50.3	74.4	76.3	53.5	83.3	93.6	25.3	91.2	97.9	98.3	73.7	99.3	99.8	133.3
	GE	630	ı	12.6	50.3	74.4	76.3	93.5	93.9	93.9	₹5.3	91.2	97.9	98.3	99.9	99.3	99.3	133.3
	üξ	รอก	,	12.6	50.3	74.1	76.3	93.6	80.8	93.8	35.3	97.2	97.9	98.3	93.9	97.9	99.5	133.3
	υE	400	i	12.6	50.3	74.4	76.3	83.5	33.3	93.8	₹5.3	97.2	77.9	98.3	93.7	99.3	99.5	133.3
	υE	310	1	12.6	50.3	74.4	76.3	83.5	87.9	93.8	95.3	97.2	97.9	98.3	73.7	77.3	99.8	100.0
	GΕ	5.70	1	12.6	50.3	74.4	76.3	93.5	87.9	93.4	<b>₹5.3</b>	97.2	97.9	98.3	93.9	93.3	97.3	133.3
	G٤	100	1.	12.6	50.3	74.4	75.3	83.6	80.9	93.8	₹5.3	97.2	97.9	98.5	71.7	99.3	99.5	133.3
	i. £	0	ı	12.6	50.3	74.4	76.3	83.6	80.5	93.8	75.3	97.2	97.9	98.3	79.7	97.5	99.5	1)).)

GEOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# Presentable frequency of december discruding versus visibility from Hourly discruations.

5 1 A	I ION N	UM9E3	: 615417	51411	ON NA1E:	. )444	4 SINESA					BC153¢ HTVCP		4275. 543: 12		3303-0	, ) )
	L INS	• • • • •		•••••	•••••		• • • • • • •		BILITY			:		• • • • • • • •	• • • • • • •	• • • • • •	• • • • •
1	N I	GŁ	úE	G٤	ωF	SE	GE	GE	6 :	Si	3 E	5 £	GΕ	3 E	3 £	SE	٤ د
FEI	ET	10	6	5		5	5 1/5	2	1 1/2	1 1/4	1	3/4	5/6	1/2	5/15	1/4	
• • •	• • • • • •	• • • • •	••••••	•••••	•••••	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •		• • • • •
NO I	CEIL I	• 3	5.7	27.6	46.3	47.8	54.6	54.6	61.4	52.4	54.6	54.6	55.4	55.7	65.7	65.7	53.
	200001			31.6	54.7	56.2	63.3	53.3	72.2	15.9	79.5	79.5	80.3	33.5	93.5	81.5	3].
ĢΕ	190001	. 3	7.0	31.6	54.2	56.2	53.3	53.0	12.2	75.9	79.5	79.5	90.3	93.5	90.5	b).5	30.
υĒ	160301	. 3	7.0	31.6	54.7	56.2	63.3	53.3	72.2	75.9	79.5	79.5	90.3	93.5	93.5	83.5	9).
GE	140301	. 3	7.0	31.9	55.+	56.8	53.5	53.5	72.7	75.5	97.7	37.7	90.9	91.1	91.1	81.1	31.
GE	150001	• 3	9.0	36	53.,	64.4	72.4	12.4	93.2	<b>17.</b> 0	90.B	90.S	91.9	92.4	92.4	92.4	₹2.
GE	160301		8.6	36.2	55.5	64.9	72.4	72.4	ы3.2	±7.0	93.9	90.8	91.9	92.4	92.4	92.4	₹2.
üΕ	90001	. 3	8.6	36.2	53.3	64.9	72.4	12.4	83.2	87.0	93.8	90.9	91.9	92.4	92.4	97.4	92.
GΕ	80001	. 3	8.6	36.2	53.3	64.9	72.4	72.4	83.2	37.3	93.5	90.9	91.9	92.4	92.4	92.4	32.
υE	70001	. 3	8.6	36.2	53.3	64.7	72.4	12.4	83.2	37.0	93.8	90.5	91.9	92.4	92.4	97.4	92.
٥E	ьпза	. 3	8.6	36.2	53.5	64.9	12.4	72.4	83.2	37.0	93.8	33.8	91.9	35.4	92.4	97.4	₹?.
ŭ€.	50001	. 3	15.9	43.5	70.5	12.2	79.7	19.7	93.5	94.3	99.1	99.1	99.2	99.7	99.7	97.7	<b>,</b>
Ğ€	45001		15.9	43.5	70.3	12.2	79.7	19.7	90.5	94.3	99.1	99.1	99.2	99.7	99.7	97.7	27.
ÚΕ	40301	. 3	15.9	43.5	70.3	12.2	79.1	19.7	93.5	₹4.3	99.1	93.1	99.2	99.7	99.7	97.7	,,,
6 Ł	35301		15.9	43.5	70.1	12.2	79.7	79.7	93.5	94.3	93.1	98.1	99.2	99.7	99.7	97.7	"
υE	30001	• 3	15.9	43.5	70.3	12.2	19.1	79.7	93.5	24.3	99.1	99.1	99.2	99.7	99.7	97.7	,,,
ωE	25001		15.9	43.5	74.3	12.2	79.7	79.7	93.5	94.3	98.1	99.1	99.2	>>.7	99.7	97.7	· ,
(.E	50001			43.5	70.3	12.2	79.7	79.7	93.5	94.3	93.1	98.1	99.2	99.7	99.7	97.7	33.
ĿĒ	18001		15.9	43.5	70.3	72.2	79.7	19.7	97.5	94.3	93.1	98.1	99.2	99.7	77.7	99.7	**.
ĿΕ	15001	• 3	15.9	43.5	7.3.3	12.2	79.7	79.7	93.5	<b>≯4.</b> 3	93.1	99.1	99.2	99.7	99.7	47.7	99.
٥E	1230	• 3	16.2	45.8	71.1	72.4	83.3	83.3	93.6	34.5	99.4	99.4	99.5	133.3	103.3	103.3	133.
υĒ	inobl			43.8	71.1	72.4	83.3	83.3	93.8	34.6	93.4	98.4	99.5	133.3		100-0	133.
υĒ	970			43.8	71-1	12.4	80.0	8 D • D	90.B	14.6	93.4	98.4	99.5	137.3		100.0	133.
( E	8.701			43.8	71-1	12.4	93.3	93.3	90.5	34.6	93.4	98.4	99.5	133.3	173.3	137.3	133.
υŁ	1007			45.6	71.1	72.4	80.0	93.3	93.8	34.5	93.4	99.4	99.5	133.3	133.3	131.3	133.
LE	6301	• 3	15.2	43.8	71.1	12.4	33.3	93.3	93.8	34.6	78.4	98.4	99.5	133.3	133.3	103.3	133.
υĒ	5001			43.8	71-1	12.4	80.0	83.3	93.8	74.6	93.4	98.4	99.5			103.3	133.
i, E	437			43.4	71.1	77.4	80.0	80.0	90.8	94.5	93.4	99.4	99.5	133.3	103.3		133.
€ E	3301			43.8	71.1	12.4	37.3	33.7	93.8	34.5	99.4	99.4	99.5	133.3	100.0		1111.
6 E	5 10 1			43.8	71.1	12.4	90.0	80.0	93.6	74.5	99.4	98.4	99.5	133.5	100.3	133.7	1)).
G F	1001	. 5	15.2	43.8	71.1	12.4	80.0	80.0	93.8	94.6	99.4	98.4	99.5	133.3	113.3	100.0	1)).
GE	01	٠.,	16.2	43.8	71.1	12.4	80.0	80.D	9].8	34.6	99.4	99.4	99.5	103.0	193.3	100.0	133.

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR miather service/mac

PERCENTAGE FREGUENCY OF OCCUPRENCE OF CELLING VERSUS VISIBILITY CONTINUES FROM HOURLY DOSCUPATIONS

511	ATION NI	JMBER:	616413	STATE	) N NA4E:	: ") A K A	R SEVES!	¥ L				HINCh PLACE		4)749 54): 19		1331-51	٠.
LE.	IL INS	• • • • •	• • • • • • •	• • • • • •	•••••			V I S 1	1111	IN STAT	J15 41L	25		• • • • • • •	•••••	• • • • • • •	•
		Ŀξ	3 E	GΞ	3.5	3£	3 €	3 E	3.5	5€	3.5	S E	GΕ	36	3.5	5 :	
		10		٠ • • • • • • •	• • • • • • •		2 1/2		1 1/2	1 1/4		3/4	5/3	1/2	5/15	1/4	
N O	CEIL I		22.5	33.0	42.2	43.6	50.6	51.1	56.2	>9.5	59.J	59.3	59.5	53.3	6).)	63.3	
	100001	• 2	31 - 1	48.9	51.3	63-2	71.3	71-4	79.7	32.2	93-1	63.4	85.9	94.3	84.3	84.9	
	180301	• 2	31-1	48.9	51.3	63.2	71.3	71.4	76.7	32.2	93.1	83.4	93.8	34.3	94.3	84.3	
	160301	• 2	31 - 1 31 - 1	48.9 48.9	51.3	63.2 63.2	71.D 71.3	71.4 71.4	79.7 78.7	32.2 32.2	83.1 93.1	93.4 93.4	93.8 93.8	34.9	94.3	54.3 84.3	
	150201	• 2	35.8	54.3	57.4	69.8	78.5	78.9	86.7	₹3.4	91.3	91.5	92.3	73.3	93.3	43.3	
υŁ	100301	. 2	35.8	54.3	57.1	69.8	79.5	78.9	85.7	93.4	91.3	91.5	92.3	93.3	93.3	¥3.3	
υ£	10006	• 2	35.8	54.3	57.7	69.8	18.5	78.9	86.7	<b>93.4</b>	91.3	91.5	92.3	93.3	93.3	45.3	
úĹ		. 2	35.8	54.3	51.+	69.3	73.5	19.7	86.7	¥3.4	91.3	91.5	92.3	93.)	93.]	43.7	
ĿΕ	ומנמז	• ?	35.8	54.3	51.7	69.8	78.5	78.9	86.7	73.4	91.3	91.5	92.3	93.3	93.3	95.3	
ωL	6000 l	• 2	35.8	54.3	57.7	69.3	78.5	75.9	86 - 7	¥3.4	91.3	91.5	92.0	93.3	93.3	93.3	
	50301	• 2	42.9	61.4	74.3	76.3	95.5	35.9	93.7	97.4	99.4	99.5	99.1	133.3	133.3	133.3	
նL uE	4530  4030	• 2	42.9	61.4	74.)	76.8	85.5 85.5	35.9 35.9	93.7	97.4 97.4	93.4	99.6 99.5	99.1	133.3	133.3	133.3	
υĒ	35301	• ?	42.9	61.4 61.4	74.) 74.)	76.8 75.9	85.5	35.9	93.7	77.4	93.4	79.5	99.1 99.1	133.3	103.3	103.3	
ĢĒ	30201	• 2	42.9	61.4	74.3	76.8	85.5	85.9	93.7	77.4	98.4	98.6	99.1	133.3	133.3	103-3	
ú€	25 J n [		42.9	61.4	74.)	76.8	85.5	85.9	93.7	<b>37.</b> 4	99.4	98.5	79.1	133.3	100.0	100.3	
GΕ	20001	• 2	42.9	61.4	74.7	75.9	35.5	35.9	93.7	97.4	93.4	99.5	99.1	133.3	133.3	133.3	
ĢΕ	18301	• 2	42.9	61.4	74.)	76.3	95.5	85.9	93.7	97.4	98.4	98.5	99.1	133.3	133.3	133.3	
Ьf	1530	• 2	47.9	61.4	74.7	76.5	85.5	85.9	93.7	97.4	93.4	99.5	99.1	133.3	133.3	103.3	
Ģŧ	12301	• 2	42.9	61.4	74.7	76.8	85.5	85.9	93.7	97.4	99.4	99.6	99.1	133.3	173.3	103.3	
GE	10001	. 2	42.9	61.4	74.7	76.8	95.5	95.9	93.7	77.4	93.4	99.5	99.1	133.3	103.3	100.0	
G٤	9 7 7 1	. 2	42.9	61.4	74.)	75.3	85.5	85.9	93.7	<b>97.4</b>	93.4	99.5	99.1	133.3	173.3	100.3	
ίE	8 70 [	• 2	42.9	61.4	74.3	76.5	85.5	85.9	93.7	77.4	93.4	98.5	99.1	133.3	133.3	100.0	
(+ E	730	- 2	42.9	61.4	74.7	76.9	B5.5	85.9	93.7	97.4	98.4	48.6	99.1	133.3	171.1	100.0	
GE	6 nu l	• 2	42.9	61.4	74.3	76.4	85.5	85.9	93.7	₹7.4	93.4	98.6	99.1	133.3	173.3	103.3	
δĒ	ร็วกไ	. 2	42.4	61.4	74.7	76.9	85.5	55.9	93.7	97.4	93.4	99.5	99.1	133.3	100.0	103.3	
5Ł	4.0	. 2	42.4	61.4	74.7	76.8	95.5	85.7	93.7	37.4	93.4	98.5	99.1	103.3	133.3	133.3	
ωf	3301	. 2	42.9	61.4	74.7	76.9	85.5	85.9	93.7	97.4	99.4	98.5	99.1	133.3	133.3	100.0	
υE	5301	• ?	42.9	61.4	74.7	76.3	85.5	85.9	93.7	97.4	99.4	99.5	99.1	133.3	173.3	103.3	
G E	1001	• ?	42.9	61.4	74.7	15.8	85.5	85.9	93.7	17.4	98.4	94.5	99.1	100.0	100.0	103.3	
u E	21	• 7	42.9	61.4	74.7	16.3	85.5	95.7	93.7	27.4	93.4	99.5	99.1	133.3	100.0	133.3	

GLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF CETCING VERSUS VISIBILITY FROM HOURLY DISERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENESAL PERIOD OF RECORD: 75-35 MONTH: FEB HOURS(LSI): 2100-2300 .......... CETUTAL 1N | 66 FEET | 10 IN | GE DE GE DE DE GE DE GE DE DE GE DE DE GE DE DE FELT | IO 6 5 4 5 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 5/15 ĴΕ, GΕ 1/4 57.1 NO CETE I 48.) 50.8 57.1 66.1 38.2 68.2 68.2 53.2 63.2 6.4 31.2 68.2 69.2 UE 200001 11.1 63.4 35.3 95.3 95.3 85.3 85.3 35.3 93.3 85.3 85.3 43.6 51.3 70.3 77.3 83.5 13.3 PE 190001 11.1 40.8 73.3 93.8 85.5 85.3 SE 160301 11.1 40.8 63.4 73.3 83.8 45.3 95.3 95.3 45.3 95.3 45.3 51.2 35 140301 11.1 40.8 63.4 13.3 83.8 85.3 85.3 45.3 92.5 92.5 92.5 100051 32 13.6 45.3 57.1 68.8 75.4 89.3 72.5 >?.5 92.5 2 2 92.5 92.5 92.5 13.8 45.5 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.4 99.0 99.0 L.88 92.5 92.5 92.5 92.5 92.5 92.5 GE 100001 68.9 12.5 92.5 92.5 92.5 92.5 92.5 92.5 G f 90301 13.8 45.3 45.3 45.3 57.1 57.1 68.9 92.5 92.5 92.5 92.5 92.5 3.5 80301 70301 13.8 57.3 84.3 92.5 92.5 69.9 60101 13.8 υf 89.0 23.4 52.0 75.4 75.4 75.4 32.7 32.3 82.3 99.1 99.1 99.1 99.1 99.1 99.1 99.1 50001 82.J 92.J 94.5 94.5 33 99.1 99.1 99.1 73.> 73.> 99.1 77.1 L.F 45001 23.4 40001 20.4 52.0 94.5 **??.**1 97.1 99.1 75.4 77.1 99.1 99.1 GŁ 35001 23.4 52.0 13.5 82.3 99.1 99.1 20.4 52.0 75.4 82.3 92.3 32.0 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 ) ) ) ) 25 JOI 94.6 99.1 99.1 75.4 75.4 76.0 20001 94.5 23.4 52.0 73.3 97.3 77.1 23.4 73.3 93.1 99.1 99.7 10001 52.0 92.3 32.3 99.1 99.1 99.1 99.1 15001 52.6 95.2 99.7 Ŀξ 82.5 82.6 39.7 99.7 99.7 99.7 12301 21.0 21.0 52.6 52.6 75.3 76.7 32.5 95.2 95.2 99.7 99.7 99.7 39.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 133 10001 92.6 9361 74.2 92.5 ÚΕ 76.3 76.9 ( , F 8001 21.0 52.6 74.2 82.5 92.5 95.2 39.7 99.7 99.7 99.7 99.7 99.7 97.7 7301 21.0 99.7 99.7 GF. 52.6 74.2 82.5 97.5 95.2 29.7 99.7 99.7 99.7 100 GE 6301 21.0 76.3 32.5 99.1 99.7 21.0 52.6 76.3 76.3 92.6 92.6 32.5 32.6 95.2 95.2 99.7 99.7 99.7 99.7 99.1 99.7 99.7 99.7 99.7 99.7 99.1 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 133 6E 5001 74 - 2 21.0 74.2 4 10 | 52.6 74 • ? 74 • ? 76.3 76.0 92.5 82.5 95.2 95.2 99.7 133 LE 3.101 52.6 82.5 21.0 2001 6.5 1001 21.0 52.6 74.2 76.3 32.5 92.5 95.2 20.7 99.7 99.7 29.7 33.7 99.7 20.7 133 01 21.0 52.6 99.7 6.8 74.7 16.7 82.5 82.5 95.2 99.7 99.7 99.7 99.7 93.7 99.7 133

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

### PERCENTAGE FREGUENCY OF OCCUPATIONS OF CELLING WERRUS VISIBILITY FROM HOURLY DESERVATIONS

		., 52.11		-												
5.14	TION NO	M812:	616413	STATIO	N NA4F -	2444	R SEVESA	ı				26 2133	or ₹£0	121: 75	- 45	
				•	• • • • • • • • • • • • • • • • • • • •			-				MOVIH			1651):	6 L L
CEI	LINS							V 1 S I	31L1fv	IN STAT.	J15 41L	€.\$				
1	N I	GE	SE	3.0	GE	SŁ	SΕ	3 E	3.5	٦E	3.5	GΞ	GE	3£	غ د	3.5
FE	ET	10	6	5	4	5	2 1/2	2	1 1/2	1 1/4	1	3/4	5/6	1/2	5/15	1/4
NO	CEIL I	• (1	13.2	32.8	49.4	50.9	56.B	57.3	63.]	35.5	65.2	65.4	66.7	67.3	67.5	67.5
		_		_												
Ŀξ	500301	• I	16.1	43.0	52.3	64.7	71.4	71.5	79.4	32.5	93.4	83.9	94.3	9 + . 7	95.)	85.3
	18030	• l	18.1	43.0	52.3	64.7	71.4	71.5	79.4	32.5	93.4	33.9	94.3	34.7	85.3	55.3
G E	100001	- 1	18-1	43.U	52.3	64.7	71.4	71.6	79.4	32.5	93.4	83.8	94.3	9 4 . 9	95.)	85.0
ĢΕ	14000	- 1	18.2	43.1	63.)	64.9	71.6	71.9	79.7	82.7	83.7	84.0	84.6	95.2	85.3	85.3
úΕ	12000	- 1	21.3	48.3	59.1	73.9	75.1	79.4	87.0	<b>→3-1</b>	91.1	91.4	92.3	92.5	92.7	92.9
	10030	- 1	21.3	48.3	64.1	70.9	79.1	79.4	97.3	93.1	91.1	91.4	92.3	72.5	92.1	¥?.8
ÚĘ	90001	- }	21.3	48.3	69.)	70.9	79.1	79.4	87.0	93.1	91.1	91.4	92.0	35.2	92.1	92.9
CE	80301	• 1	21.3	48.3	69.3	73.7	73.1	78.4	87.0	93.1	91.1	91.4	92.3	92.5	92.7	97.9
υE	7000	- 1	21.3	48.3	69.3	73.9	78.1	78.4	87.0	93.1	91.1	91.4	92.0	92.6	92.7	92.8
G F	P030	- 1	21.3	48.3	59.1	73.7	73.1	79.4	97.3	13.1	91.1	91.4	92.0	92.5	92.7	95.9
		:	1													_
úΕ		- 1	27.5	54.5	75.3	77.2	84.4	54.7	93.3	35.4	97.4	97.7	98.3	93.7	99.3	99.1
GE GE	4500  4000	• i	27.5 27.5	54.6	75.3	77.3	84.5	94.7 84.7	93.3	95.5 95.5	97.4 97.4	97.8 97.8	98.4 98.4	98.9 93.9	99.1	99.1 99.1
G E	350nl	- 1	27.5	54.6 54.6	75.3	77.3	84.5	84.7			97.5	97.8		99.3	99.1	99.1
u E	30301	• 1	27.6	54.6	75.5	11.3	94.5	34.7	93.4	₹6.5 ₹6.5	97.5	77.5	98.4 98.4	99.3	99.1	99.1
U.	30301	• •	21.0	,,,,	, , , ,	,,,,	34.3	34.7	,,,,,	,,,,	,,,,	****	70.1	,,,,	****	,,,,
GΕ	25001	i -	27.6	54.6	75.4	11.3	94.5	34.7	93.4	₹5.5	97.5	97.8	98.4	99.J	93.1	97.1
υE	20301	. 1	27.6	54.6	75.1	17.3	84.5	94.9	93.4	95.6	97.5	97.7	98.5	97.3	99.1	97.2
6 E	18301	. i	27.6	54.6	75.4	17.3	84.5	84.9	93.4	36.6	97.5	97.9	98.5	99.3	99.1	99.2
u l	15301	• 1	27.8	54.9	75.3	11.5	84.7	95.0	93.6	96.8	97.8	98.1	98.7	77.2	99.4	99.4
G.F	12301	- 1	27.9	55.1	75.3	17.9	85.3	35.2	93.9	77.3	99.3	99.3	78.7	99.5	99.5	99.5
üΕ	10301	• 1	28.0	55.1	76.3	77.9	85.1	85.4	94.3	97.2	99.1	99.5	99.1	21.5	99.7	97.8
ĿΕ	9301	. i	29.0	55.1	76.1	17.9	85.1	45.4	94.0	97.2	99.1	99.5	99.1	77.5	99.7	99.3
GF	ICL8	. 1	28.0	55.5	16.1	76.3	85.2	85.5	94.1	77.3	93.3	99.5	99.2	<b>**.7</b>	93.3	99.9
նք	1001	• 1	28.0	55.3	76.2	78.1	95.3	45.5	94.2	97.3	98.3	98.5	99.2	97.9	99.9	99.9
LE	6371	- 1	28.0	55.3	16.2	73.1	85.5	95.5	94.2	27.3	93.3	99.5	99.2	27.3	99.9	99.9
G É	5001	- 1	28.0	55.5	16.2	78 - 1	95.3	85.5	94.2	₹7.3	93.5	99.5	79.2	**.3	73.7	49.9
ĿΈ	4701	• 1	28.0	55.3	16.?	78.1	85.3	35.5	94.2	27.3	93.3	99.5	99.2	99.8	**. *	49.9
Ģ €	3001	• 1	28.0	55.3	76.2	79.1	85.3	85.5	94.2	97.5	99.5	78.5	94.2	99.9	99.3	49.3
<b>5٤</b>	2701	. 1	28.D	55.3	16.2	78.1	85.3	55.5	94.2	77.3	93.3	99.5	94.2	44.4	34.3	43.3
1+£	1701	- 1	28.0	55.3	16.2	19.1	95.3	95.5	94.2	77.3	93.3	79.5	99.2	77.3	77.7	99.9
GΕ	0 (	- 1	28.0	55.3	76.2	79-1	95.3	35.5	34.5	97.3	94.3	19.5	99.2	77.3	99.9	99.9

# GLUBAL CLIMATOLUSY 9KANCH PERCENTASE FREWJENCY OF OCCURRENCE OF CETCINS VERSUS VISIALLITY USAFETAC FROM HOURLY DASERVATIONS AIR WEATHER SERVICE/MAC

			0.011.	31-11	, ,,,,,		R SEVES					HIVEF	OF REC		(LST):	3343-38	5 3 3
٤.	IL INS	••••			• • • • • • •					TATE VI		 ES	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • •
1			5 E	GÉ	üΕ	ŝ٤	<u>5</u> [	SE	3.5	3 &	3.5	5 £	Ŀξ	٤E	3 E	3 8	
FE.	E1	10					2 1/2		1 1/2	1 1/4		3/4	5/8	1/2	5/15	1/4	
10	CLIL I		13.7	35.8	52.1	54.5	59.2	50.3	64.3	55.1	65.3	56.5	56.7	25.7	55.7	65.7	:
	200001		11.4	38.7	59.1	62.5	59.2	59.1	75.5	75.6	75.8	76.3	76.4	75.4	75.4	75.5	
	160301		11.4	38.1	59.3	62.5	53.2	59.1	73.5	15.5	75.8	75.3	16.4	75.4	75.4	15.5	
	160301		11-4	38.7	59.3	62.5	58 • 2	59.1	73.3	15.6	75.6	76.3	76.4	75.4	75.4	75.6	
	140301		11.4	39.2	50.2	65.9	51.5	59.5	73.7	16.2	75.4	75.6	77.1	77.1	77.1	77.3	i
Ł	120301		13.1	44.4	57.3	73.9	75.3	77.7	93.2	35.7	95.9	55.1	36.5	35.5	95.5	35.7	
Ł	100001		13.1	44.4	57.3	73.9	75.9	17.7	33.2	35.7	95.4	85.1	86.5	35.5	85.5	85.7	
E	90301		13.1	44.4	57.3	77.7	75.8	77.7	93.2	35.7	95.9	95.1	96.5	95.5	85.5	05.7	
Ł	80001		13.1	44.4	51.3	79.9	76.3	77.7	83.2	35.7	85.9	96.1	86.5	35.5	95.5	45.7	•
E	79301		13.1	44.4	57.3	73.9	75.3	77.7	93.2	35.7	85.9	86.1	96.5	95.5	95.5	05.7	
E	60301		13.1	44.4	57.3	73.7	75.3	77.7	93.2	35.7	95.7	85.1	96.5	35.5	95.5	85.7	
Ε	50001		24.2	55.6	78.7	82.1	58.3	39.9	94.3	25.5	91.1	97.3	97.7	97.7	97.7	97.9	
F	45301		24.2	55.6	18.)	82.1	85.0	98.9	94.5	₹6.8	97.1	97.3	97.7	97.7	97.7	97.9	
٠Ł	40201		24.2	55.6	76.7	82.1	88.3	88.9	94.3	36.8	97.1	97.3	97.7	11.7	97.7	97.9	
F	35 30		24.2	55.6	78.	82.1	88.3	38.9	94.3	75.8	97.1	97.3	97.7	77.7	91.1	97.9	
E	10COS		24.2	55.8	79.2	87.3	89.2	89.1	94.5	<b>₹7.1</b>	97.3	97.5	97.9	37.3	97.7	99.1	
E	25301		24.2	55.8	79.2	82.3	89.2	89.1	94.5	77.1	97.3	97.5	97.9	97.9	91.7	¥9.1	
Æ	Sanui		24.2	55.8	79.2	82.3	86.2	99.1	94.5	97.1	97.3	97.5	97.9	97.9	97.7	93.1	
E	1830		24.2	55.8	79.2	82.3	89.2	99.1	94.5	97.1	97.3	97.5	97.9	97.9	97.7	99.1	
E	15301		24.2	55.6	79.2	82.3	99.2	39.1	94.5	37.1	97.3	97.5	97.9	97.9	97.7	99.1	
Ε	12301		24.2	55.8	19.2	82.3	98.2	39.1	94.5	∍7.1	97.3	97.5	97.9	97.9	97.9	93.1	
E	10001		24.4	56.0	79.4	82.5	99.4	99.3	94.7	27.3	97.5	97.7	98.1	73.1	99.1	93.3	
·Ε	9301		24.4	56.0	79.1	82.5	88.4	89.3	94.7	97.3	97.5	97.7	98.1	93.1	73.1	93.3	
Ł	N J O I		24.4	56.D	79.4	82.7	83.6	89.5	94.9	97.5	97.7	97.9	98.3	99.3	99.3	99.5	
ŧ	7 J D		24.4	56 • U	79.4	82.7	53.5	99.5	94.7	₹7.5	97.7	97.9	98.3	99.3	93.3	99.5	
Ł	P 3 U 1		24.4	56.0	79.3	83.2	99.1	89.9	95.4	97.9	93.1	99.3	98.7	99.7	93.7	99.9	
ŧ	5501		24.4	56.0	79.3	93.6	99.5	90.3	95.8	99.3	99.5	₹9.7	99.2	99.2	99.2	99.5	1
ŧ.	4301		24.4	56.0	79.1	83.5	89.5	90.3	95.5	99.3	93.5	99.7	99.2	33.5	31.2	99.5	1
F	3001		24.4	56 • D	79.3	83.6	89.5	30.3	95.8	78.3	99.5	98.7	99.2	99.2	99.2	99.6	1
E	2301		24.4	55.0	79.3	83.5	89.5	93.3	95.8 95.8	38.3	93.5	99.7	99.2	33.5	99.2	99.5	L
·Ε	1001		24.4	56.0	79.3	83.5	99.5	An * 2	42.8	79.3	73.5	98.7	99.2	33.5	99.2	47.5	1
ı t	91		24.4	56.0	79.3	81.5	89.5	90.3	95.8	78.3	99.5	99.7	99.2	97.2	93.2	99.6	

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIN WEATHER SERVICE/MAC

PERCENTAGE EREMUTING OF OCCUPRENCE OF CELLING WERSONS VISIBILITY FROM HOUSENATIONS

				STATI			R SENES					HIRCH	: MA ₹		(651):	
	LING	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •			IN STAT			• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •
	N I	GL	38	6:	Ŀξ	SΕ	3.5	58	51111	5E	316 916 35	. 5	Úξ	à٤	3:	5 i
	LT	10	6	- 5			2 1/2		1 1/2		1	5/4	5/8	1/2	5/15	174
								_	-	-	-					
NO	CEIL		13.1	34.4	48.2	49.4	55.3	55.9	53.4	51.9	62.7	57.7	63.1	53.1	55.4	6 5 • 4
GΕ	100001		3.01	37.8	56.3	59.5	54.9	55.4	73.5	71.5	72.2	12.2	72.7	12.1	73.0	73.3
θE	180361		13.8	37.8	56.3	58.5	64.9	65.4	73.5	71.5	72.2	12.2	72.7	72.7	73.3	73.3
t, E	160301		10.8	37.8	56.5	58.5	54.9	65.4	70.5	71.5	12.2	72.7	72.7	12.1	73.3	73.0
ιE	140301		10.8	38.3	51.5	59.5	55.8	55.3	71.5	12.5	73.2	73.2	73.7	73.7	74.3	74.3
6 E	120001		12.5	43.7	55.3	67.6	74.4	74.9	87.5	31.9	82.6	82.5	83.0	93.3	95.5	63.5
Ŀξ	100001	-	12.5	43.7	55.3	67.6	74.4	74.9	83.8	<b>31.8</b>	92.6	82.5	83.0	93.0	83.5	93.5
GΕ	90301		12.5	43.7	55.3	67.6	74.4	74.9	83.9	31.8	92.6	82.5	83.3	33.3	93.3	83.5
υĘ	80301		12.5	43.7	55.5	67.6	74.4	74.9	80.8	91.9	82.6	82.6	83.0	33.3	83.5	63.5
(,E	70001		12.5	43.7	55.5	67.5	74.4	74.9	93.8	31.5	95.6	92.5	93.3	33.3	93.5	63.5
6 E	10003		12.5	43.7	65.5	67.5	74.4	74.9	83.8	31.8	82.6	87.5	83.0	93.3	93.5	83.5
úΕ	50001		25.1	56.3	78.1	67.1	97.3	87.5	93.4	34.3	95.1	95.1	95.6	95.5	75.1	¥5.1
GE.	45301		25.1	56.3	78.1	80.1	87.0	87.5	93.4	94.3	95.1	95.1	95.6	95.5	75.1	95.1
öξ	40301		25.1	56.3	78.1	89.1	87.3	87.5	93.4	94.3	95.1	95.1	95.6	95.5	95.1	y5.1
G.E.	35301		25.1	56.3	78.1	80.1	87.0	87.5	93.4	94.3	95.1	95.1	95.5	95.5	95.1	v5.1
GΕ	30 a a i		25 • 1	56.3	78.4	80.3	87.2	87.7	93.6	74.6	95.3	95.3	95.8	95.3	95.3	95.3
Ŀŧ	25 391		25.1	56.3	78.4	87.3	87.2	87.7	93.6	94.6	95.3	95.3	95.8	95.8	75.3	95.3
GΕ	20301		25.1	56.3	78.1	83.3	87.2	87.7	93.6	94.6	95.3	95.5	95.8	95.8	75.3	96.3
G.F	18301		25.1	56.3	78.4	83.3	91.2	87.7	93.5	34.6	95.3	95.3	95.8	75.8	96.3	96.3
6L	15301		25.1	56.3	78.4	83.3	87.2	97.7	93.5	94.6	95.3	95.3	95.8	75.3	95.3	95.5
υE	15001		25 • 1	56.3	78.4	80.3	87.2	87.7	93.6	34.5	95.3	95.3	95.8	95.3	75.3	95.3
GE	10001		25.3	56.5	18.5	Ap. 5	87.5	89.0	93.9	94.8	95.6	95.6	96.1	75.1	95.5	45.6
üΕ	9301		25.5	56.5	78.5	80.6	87.5	89.0	93.9	94.8	95.6	95.6	96.1	95.1	95.5	46.5
SE	9001		25.3	56.5	78.>	83.9	87.7	93.2	94.1	95.1	95.8	95.9	96.3	95.5	97.1	97.1
υ£	1001		25.3	56.8	78.7	81.1	98.0	88.5	94.3	75.3	95.1	96.1	96.5	75.5	97.3	97.3
GE	6301		25.3	56.8	76.7	81.1	98.3	89.5	94.3	75.3	95.1	96.1	96.6	95.5	97.3	97.3
C E	5301	·	25.3	56.8	79.4	82.3	89.2	89.7	95.6	35.6	97.3	97.3	97.8	97.8	93.5	98.5
ÜĒ	4301		25.3	56.8	19.4	82.3	89.2	89.7	95.6	96.6	91.3	97.3	97.8	97.9	98.5	98.5
GΕ	3 10 [		25.3	56.8	79.4	82.3	99.2	39.7	95.5	75.6	91.3	97.3	97.8	91.9	99.5	49.5
ú€	2001		25.3	56.8	79.4	82.3	89.2	39.7	95.6	75.6	97.3	97.3	97.8	97.3	93.5	99.5
GE	1001		25.6	57.0	79.5	82.5	89.4	39.9	95.8	₹5.8	97.5	97.5	98.3	99.3	93.8	99.5
GΕ	. 01		25.6	57.0	19.,	62.6	89.4	89.9	95.8	26.9	97.5	97.5	98.3	93.3	73.3	93.9

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHEN SERVICE/MAC

PERCENTAGE FREGUENCE OF CONTRACTOR OF SOLUTIONS GENERALIZATION OF THE PROPERTY OF CONTRACTOR OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY O

PERIOD OF RECORD: 75-85 MONTH: MAR HOURSILESTD: 0500-0300 STATION NUMBER: 615413 STATION NAME: DAKAR SENESAL VISIBILITY IN STATUTE MILES GE SE 31/2 GE GE . SE 6 IN | GE FEET | IC GE SE SE 2 1 1/4 SE ... SE 6€ 5/8 35 174 غد د 10 1/2 5/15 NO CETE 1 8.9 33.5 47.4 49.4 53.7 54.1 50.2 >3.4 63.4 57.4 63.4 53.5 61.3 61.3 51.3 GE 2000n1 9.3 55.3 55.3 54.3 54.3 77.8 71.2 71.2 12.1 12.1 72.9 72.9 71.2 71.2 72.1 71.2 GE 180301 9.3 37.2 73.8 11.2 71.2 71.9 72.7 54.3 54.7 71.2 71.6 9.3 59.4 59.9 71.7 72.3 72.7 73.2 72.7 73.2 12.7 66 160301 37.2 55.1 54 - 1 73.5 11.2 71.2 SE 120J01 12.3 44.6 56.2 69.7 75.5 75.9 93.3 13.8 35.8 93.3 95.3 35.3 100001 30 10000 30 44.8 44.8 56.7 55.7 69.9 69.9 75.8 75.8 75.3 76.3 76.3 75.3 83.5 83.5 93.5 34.0 54.0 34.0 84.0 94.0 94.3 84.3 84.3 34.3 84.3 84.3 94.3 34.5 34.5 34.5 95.5 95.3 95.5 85.5 85.5 85.5 35.7 35.7 35.7 12.3 80301 12.3 70001 44.8 69.9 75.3 83.5 34.0 94.0 84.) 94.3 60301 12.3 44.8 ψF 56.1 15.3 83.5 34.0 84.3 90.5 85.5 35.7 50301 25.4 55.8 55.8 94.5 94.5 94.5 45.3 95.3 95.3 95.3 95.3 95.3 27.3 GE 81.3 87.2 95.3 95.0 86.8 90.5 45.5 87.3 23.4 77.7 81.3 95.5 ₹5.0 ₹5.0 95.0 95.7 95.5 95.5 97.3 97.3 45301 GΕ 40301 35.101 55.8 55.8 11.1 61.3 95.9 96.9 97.3 87.3 94.5 ≱5.3 ⊋5.0 95.3 95.3 95.3 95.3 95.3 95.7 75.5 95.5 27.1 87.0 87.3 87.3 95.3 95.3 95.3 86.8 85.8 95.5 81.J 94.5 55.8 55.8 95.3 95.3 95.5 27.3 LE 10102 23.4 11.1 ¥5.0 95.0 95.7 95.3 10081 23.4 11.1 81.1 94.5 95.0 95.7 95.5 95.5 27.3 55.6 56.1 81.7 95.9 95.3 95.5 í.F 15201 23.4 11.1 97.7 94.6 ¥5.3 25.0 ¥5.3 95.3 15.7 77.3 91.2 incoi 95.2 95.2 97.2 G.F 9331 23.6 56.5 78.4 91.5 37.4 97.7 35.7 95.7 95.7 95.7 25.3 77.5 9001 56.5 16., 87.7 37.7 95.5 75.I 96.1 95.9 97.3 97.3 97.5 73.1 97.9 95.7 95.3 G.F 7.101 23.6 56.7 70.1 82.3 91.1 38.1 15.3 96.3 76.3 23.3 97.2 97.2 97.2 97.9 97.9 97.8 97.8 97.9 97.8 97.8 5001 99.6 97.4 39.5 97.8 97.8 97.8 97.8 99.5 91.5 93.5 99.4 23.8 23.8 56.9 56.9 83.5 83.5 99.4 99.4 >+.9 >>.3 υŧ 4001 80.3 6 F 3001 93.5 97.2 1005 23.8 23.8 56.9 9.1.5 65.5 63.5 4 . . . 39.5 97.9 97.9 99.4 21.3 1301

TOTAL NUMBER OF OBSERVATIONS:

23.8

56.9

.. 61

95.5

90.5

49.5

91.2

¥7.9

97.8

97.9

97.8

99.5

49.6 133.3

GLOBAL CLIMATOLOGY BRANCH ATR SERVICE/MAC

PROFILED SUSPENDING OF SELECTED OF SELECTIVE PROFILED FROM HOURLY DESCRIPTIONS

PERIOD OF RECORD: 75-45
MONTH: MAR HOURS(EST): 3930-1100 STATION NUMBER: 615410 STATION WATER DAKAR SENESAL VISIB.LITY IN STATUTE MILES CETEINS IN | SE FEET | 17 VISIA.LITY IN STATUTE MILES

OF GE SE GE SE SE SE SE

4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 56 65 6 5 3E 3E 1/2 5/15 1/4 3/8 NO CETE 1 54.2 54.2 54.2 55.1 PUT UD 2 39 22.5 36.3 49.3 51.5 53.¥ 53.9 63.0 65.2 66.4 65.7 31.2 57.2 22.5 CE 160301 36.3 51.5 54.2 55.2 55.4 56.4 55.7 65.9 22+5 36.3 37.3 51.5 63.0 64.2 55.4 56.4 57.9 55.7 GE 160301 49.3 53.9 54.2 65.2 65.7 >1.2 54.9 GF 140301 50.7 55.4 63.1 53.4 SE 120301 27.0 50.1 62.3 65.3 55.9 76.3 77.5 79.7 79.9 93.1 93.4 27.U 27.J 79.9 19.9 19.9 PE 100301 44.1 60.1 62.5 65.3 55.9 76.0 11.5 11.5 79.7 73.7 79.9 79.9 80.1 30.1 83.4 83.6 83.5 33.9 90301 44.1 50.1 62.3 65.0 55.9 75.3 27.0 76.0 6.1 10001 44.1 50.3 52.3 62.3 65.3 65.3 55.9 77.5 77.5 73.7 79.7 79.9 19.9 30.1 93.4 83.5 83.5 31.7 60.) 93.1 ٠ŧ 60001 27.0 44.1 50.) 52.5 65.3 55.9 75.3 79.7 79.9 79.9 33.1 93.4 33.7 94.6 94.6 94.5 95.8 95.9 95.8 95.8 95.8 95.8 95.1 95.1 95.1 95.5 95.5 95.5 u.E Spani 42.9 60.0 76.3 79.2 80.9 91.9 91.9 93.4 95.3 95.3 45301 40301 42.9 76.) 78.2 78.2 83.9 31.9 91.9 93.4 95.3 95.3 95.3 60.0 ۵Ł 35 JOI 42.9 60.0 91.9 91.9 94.6 95.8 95.8 G.E 30001 42.9 60.0 76.) 83.9 81.9 91.9 93.4 94.6 95.9 95.8 95.1 95.3 45.5 25.3 42.9 60.0 78.2 81.9 95.9 95.8 25001 80.9 73.4 94.6 υL 76.1 96.5 25.3 75.1 95.3 20001 42.9 60.0 76.) 76.) 18.2 79.2 83.7 31.9 81.9 91.9 93.4 94.6 95.8 95.8 95.8 95.8 95.1 95.1 95 • 3 95 • 3 95.5 95.5 95.3 18301 GE GE 94.5 95.1 15001 42.9 60.0 76.3 78.2 83.9 91.9 91.9 93.4 95.9 95.8 75.3 45.5 43.1 60.3 95.5 99.8 10301 80.4 80.4 94.1 94.1 98.3 98.0 99.3 ;;.) 60.8 78.2 78.2 95.8 97.8 97.8 9301 43.6 83.1 75.5 98.3 93.5 (₄E 60.8 94.1 84.1 85.3 99.3 99.3 8301 44.1 79.2 81.4 96.6 47.9 133.3 61.5 95.1 99.3 υE 7201 44.1 61.5 79.2 81.4 94.1 85.0 ₹6.5 99.3 97.5 99.9 1111.1 61.5 81.4 99.3 99.3 99.3 95.3 95.3 99.3 99.3 99.8 ŭ£ G€ 61.5 94.1 96.6 44.1 61.5 79.2 95.1 97.8 97.8 99.3 4301 81.4 84.1 ₹6.5 99.5 133.1 3301 95.1 99.3 44.1 61.5 79.2 95.3 75.5 77.3 99.5 44.1 99.3 99.5 Ģ.€ 61.5 14.2 81.4 94.1 85.3 26.6 97.8 .... 133.3 1301 ρŢ 99.5 99.8 133.1

GLUMAL CLIMATOLOGY BRANCH USAFETAC

# PERCENTAGE FREWIJINGY OF DECURPTIVE OF CETALING MERSUS MISTRIFITY

	AFETHI	ER SER	VICE/MA	۲				, 4).	1 433471	737548	#11342						
							IR SENES	-				HIVEP	FAP :	40043	ILSTI:	1233-14	
	IL 145	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	1216	21: FTV	IN STAT		•••••	• • • • • •	• • • • • • •		• • • • • • •	• • • • • • •
	In I	ĽŁ	3.5	G E	űf	5 E		5 [	GÉ	3.6	38		65	3.5	3 :	3.5	a Ē
			ь				2 1/2				1			1/2	5/15	1/4	
	tell			34.4	44.5	46.3		49.1	56.2		53.6	58.9	59.3	59.7	59.1	59.7	59.7
				• • • •	,,,,		40.5	17.1	,,,,,	70.0	,,,,,	20.3	3,,,,	,,,,,	,,		,,,,,
	200001	. 2	28.9	41.6	55.7	58.1	51.2	51.9	69.7	71.6	71.8	72.5	73.1	73.3	73.9	73.8	75.3
	190001	• 2	28.9	41.6	55.7	58.1	51.2	51.9	58.9	71.6	71.8	72.5	73.1	73.3	73.3	73.3	75.3
	100101	• 2	28.9	41.6	56.2	58.4	61.5	02.1	69.2	71.8	72.0	72.1	73.3	74.7	74.3	74.3	74.3
	140301	. 2	29.5	42.7	57.3	59.5	62.6	63.2	73.3	72.9	73.1	73.9	74.4	75-1	75-1	75.1	75.1
ьŧ	150001	• 2	32.8	48.7	56.1	69.5	72.2	13.6	83.8	33.5	83.7	84.4	95.0	85.7	95.7	85.7	35.7
GE	100301	• 2	32.6	48.7	56.1	69.5	72.2	73.5	83.8	33.5	93.7	84.4	85.3	35.7	90.7	85.7	35.7
Gf.	4030	• 2	32.8	48.7	55.1	69.5	12.2	73.5	90.5	33.5	93.7	84.4	95.0	35.7	95.7	55.7	33.7
٠f	8030	• 2	32.8	48.7	66.l	68.5	72.2	73.6	83.8	33.5	83.7	84.4	95.J	85.7	85.7	65.7	35.7
ĿΕ	10701	. ?	32.8	48.7	56 - I	68.5	72.2	73.5	83.5	33.5	83.7	94.4	95.3	95.7	35.7	85.7	35.7
(, E	P6/30	• 2	32.8	48.7	56.1	69.5	12.2	73.6	83.8	83.5	83.7	84.4	85.D	95.7	95.7	<b>85.7</b>	35.7
S€	50301		46.U	61.9	79.3	81.7	95.5	36.9	94.1	25.7	95.9	97.5	98.2	93.7	93.7	99.9	23.9
GE	45001	• 2	46.0	61.9	79.3	B1./	95.5	86.9	94.1	₹6.7	95.9	97.5	98.2	93.9	73.7	73.7	23.2
υE	40301	. ?	46.0	61.9	79.3	81.7	85.5	8.46	94.1	96.7	95.9	97.5	98.2	93.9	93.7	93.7	73.7
υE	35,101	. ?	46.0	61.9	79.3	81.7	85.5	95.3	94.1	#5.7	95.9	97.5	98.2	93.9	93.7	99.9	73.7
LF	30001	- 2	46.6	61.9	79.3	81.7	35.5	86.8	94.1	96.7	95.9	97.5	98.2	98.9	95.7	49.9	***
ы	25,001		46.0	61.9	79.3	81.7	15.5	95.9	94.1	35.7	95.9	97.5	99.2	93.9	93.7	99.7	23.2
υ£	50001	• 2	46.3	61.9	79.3	81.7	95.5	55.9	94.1	76.7	95.9	97.5	98.2	93.9	93.7	94.9	73.7
₽.	1870	• 2	46.0	61.9	79.5	81.7	35.5	86.9	94.1	95.7	95.9	97.5	98.2	93.9	93.7	48.9	93.9
υE	15301	• 2	46.0	61.9	79.3	61.7	85.5	96.9	74.1	76.7	95.9	97.5	98.2	93.9	73.7	93.7	?3.7
GF	12001	- 2	46.3	62.1	19.>	81.9	85.7	97.7	94.3	96.9	97.1	97.5	98.5	99-1	34.1	97.1	99.1
68	10001	.2	46.5	62.6	90.?	82.6	96.3	57.7	94.9	¥7.6	91.9	99.5	99-1	77.9	77.3	77.3	,,,,
CF	9701	• 2	46.5	62.6	90.2	82.5	95.3	37.7	94.9	97.5	97.8	79.5	99.1	99.3	77.3	99.3	**. 1
ωE	B 101	.2	46.7	62.8	90-4	87.1	95.6	37.9	95.2	<b>₹7.8</b>	99.0	98.7	99.3	133.3	133.3	103.3	133.3
ь£	7301	• ?	46.7	62.8	90.4	82.4	95.6	37.9	95.2	37.8	93.0	99.7	99.3	100.0	133.3	100.3	111.1
υ£	635T	. ?	46.7	62.6	90.4	82.5	86.6	97.9	95.2	97.8	99.0	98.7	99.3	100.0	133.3	103.3	133.3
ωŧ	5001	ž	46.7	62.6	90.4	82.9	35.6	47.9	95.2	<b>≯7.</b> 9	93.0	98.7	99.1	1111.1	103.3	103.3	111.1
SE	4301	• 2	45.7	62.8	90.+	82.5	95.5	87.9	95.2	97.8	93.3	99.7				103.3	
6 E	3001	• ?	46.7	62.8	90.4	82.9	85.6	97.9	95.2	¥7.8	93.0	98.7				103.3	
SΕ	2001	. ?	46.7	67.8	90.4	82.9	65.6	87.9	95.2	₹7.8	99.0	98.7				103.3	
6 E	1001	• 2	46.7	62.8	90.4	82.9	85.5	97.9	95.2	97.8	93.0	98.7					133-3
υŧ	· ni		46.7	62.8	90.4	82.8	35.5	97.9	95.2	+7.8	99.0	99.7	90.1	1 11. 1	121.1	100.0	133.3
			,	5 5			,,,,							133.3			

GLOBAL CLIMATOLOGY BRANCH USAFETAC

#### PERCENTAGE FREWHENCY OF OCCUMPENCE OF CETEING VERSUS VISIBILIFY

AIR MEATHER SERVICE/MAC SE-ST : CRC22F RC LC1R3C SJ: CFUCH FAM : HTVOM LACENES PARAC : STAN POLITATE OFFICE : FERMUN POLITATE 43375(251): 1503-1733 VISIBILITY IN STATUTE MILES CELLINS SE SE + 3E 3E IN | 6E FEET | 10 SE SE SE 2 1 1/4 . 3/4 GE 5/8 3E 172 3. 5715 3: 1/4 1 . . b 55.6 NO CEIL 1 49.3 +8.2 57.1 57.1 53.5 59.5 57.J 18070] 10070] • 3 26 • 8 28 • 8 53.2 58.3 58.3 58.5 53.5 55.2 57.4 57.4 57.4 57.4 57.9 57.9 58.3 59.3 13.1 73.7 73.7 73.7 71.2 71.2 GE GE 54.3 54.3 58.5 58.5 40.0 28.8 54.0 58.5 55.2 68.3 67.9 73.0 58.3 70.5 68.6 70.7 73.7 73.7 13.1 12.9 CE 160JDJ 40.3 55.2 58.3 71.2 GF 140301 63.4 41.7 55.4 SE 120301 32.4 59.1 75.9 77.0 77.7 93.5 32.4 32.4 32.4 32.4 77.3 77.3 PE 100301 46.5 51.5 62.4 67.5 58.1 58.1 75.8 75.8 71.5 77.5 11.9 17.9 78.2 78.2 83.3 93.3 83.3 83.3 83.3 33.3 77.9 46.5 62.4 67.6 58.1 53.1 75.8 75.8 77.5 78.2 78.2 80.3 80.5 83.3 Ŀ.E 60301 . 2 51.5 93.3 33.3 70301 G.E 60301 . 2 32.4 46.5 61.5 62.4 57.5 54.1 75.8 77.5 77.9 78.2 80.3 80.3 67.3 33.4 ??... ??.... • 2 53.6 50.6 35.5 94.3 35.2 95.7 93.5 LΕ 50001 64.7 79.2 83.5 95.9 ¥6.2 96.4 93.5 93.6 93.5 93.5 93.5 64.7 79.3 79.3 95.9 94.0 15.2 95.7 96.2 96.4 93.5 93.5 93.5 45301 80.5 40.01 50.6 96.3 6 F 83.6 35291 30001 50.6 úŧ 60.6 96.2 93.5 25081 20001 19001 95.2 95.2 95.2 93.5 99.6 93.5 • ? 64.7 64.7 94.3 94.3 95.7 95.7 96.2 96.2 96.2 96.4 96.4 96.4 93.5 GΕ 50.6 50.6 79.1 87.5 83.5 95.9 35.3 93.5 93.5 GE GF 79.7 95.9 77.5 50.6 85.9 94.0 95.7 93.5 ,,,, 79.3 80.6 36.3 50.0 64.7 15301 76.3 80.6 95.9 96.3 94.0 25.2 96.4 93.5 93.3 93.6 12301 93.3 80.1 80.8 99.3 99.3 99.5 99.5 10001 51.3 51.3 51.6 94.7 94.7 15.9 15.9 96.9 99.3 33.3 93.> 51.3 35.5 97.1 97.4 97.4 95.4 95.7 99.3 Ū.F 100P . 2 65.5 80.3 81.5 95.5 85.8 87.1 .2 97.3 95.0 36.2 95.6 97.1 99.5 99.5 Lŧ ı, f 7401 51.6 65.7 43.4 81.5 86.8 95.2 95.6 133.3 97.1 97.1 97.1 97.1 99.5 99.5 99.5 99.5 87.3 87.3 97.4 97.4 97.5 .2 65.7 65.7 65.7 95.3 95.3 15.2 16.2 95.5 81.5 υE 99.5 99.5 99.5 4001 51.6 90.4 85.5 95.8 122.3 .2 87.3 87.3 97.4 99.5 3501 90.3 81.5 95.0 96.2 95.6 111.1 IJ.€ 2401 51.6 80.3 81.5 85.8 95.0 36.2 96.6 133.3 99.5 111.3 0.1 . 2 51.6 97.3 95.0 96.2 95.5 97.1 97.4 99.5

SERVICE VERNAL SERVICE ALL MEATHER SERVICE MAC

## PERCENTAGE FREGUENCY OF DECURRENCE OF CETLING VERSUS VISIBILITY FROM HOURLY DESCRIPTIONS

							R SEVES					HINOF		H3742	CEST):	1900-21	11
	. INS	••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •			IN STAT			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••
IN	• ŧ		ä٤	5.5	ə٤	SE	5.5	5 £	<u>ت</u> ق	ŝΕ	3 E	5.5	G٤	3.5	3 ;	âi	3.5
FEE				s			2 1/2		1 1/2		1	3/4	5/4	1/2	5/15	1/4	)
0 0	EIL I		22.2	33.2	45.5	46.8	49.8	49.8	54.7	56.3	55.7	56.9	57.1	53.2	53.2	54.4	59.5
ı E	200301	. 2	28.0	42.0	57.5	59.5	53.1	53.4	69.2	73.9	71.6	71.9	72.3	73.7	75. ≥	74.1	14.5
E	180301	• 2	29.0	42.0	57.5	59.5	53.1	63.4	69.2	73.9	71.6	71.9	12.3	73.7	73. 2	7 - 1	7 4 . >
	160301	. 2	28.0	42.0	57.5	59.5	63.1	53.4	69.2	73.9	71.6	71.9	72.3	73.7	73.9	7+-1	74-5
	1000+	. 2	28.4	42.9	58.2	67.6	64.2	54.4	73.3	72.3	77.6	77.9	73.1	74.9	75.3	15.2	15.5
E	150001	• 2	31.3	4 A . 3	57.7	70.3	74.8	75.3	83.8	\$2.5	83.4	83.5	83.8	35.9	H5.J	85.2	15.5
ıΕΙ	100001	• 2	31.3	48.3	67.7	70.3	74.8	75.0	83.8	32.5	93.4	93.5	93.9	35.3	90.1	85.2	33.3
ŧ	90301	• 2	31.3	48.3	57.7	73.3	74.5	75.0	83.6	32.5	83.4	33.5	83.9	85.3	95.3	35.?	33.5
E	80.01	(	31.3	48.3	57.3	70.3	74.9	75.3	83.8	82.5	93.4	93.5	83.8	95.3	95.3	85.2	35.5
E	10701	• 2	31.3	48.3	67.7	70.0	74.6	75.0	83.8	32.5	83.4	83.6	83.8	85.3	85.3	85.2	35.5
£	60301	• 2	31.3	48.3	67.7	70.0	74.8	15.0	83.8	82.5	83.4	83.6	83.8	95.3	85.1	85.2	13.3
E	50301		43.6	60.6	93.4	82.5	97.3	87.5	93.3	95.0	95.9	95.1	96.3	23.3	71.5	93.7	9 1
Ē	45301	• 2	43.8	60.8	90.4	82.5	97.3	87.5	93.3	95.0	95.9	96.1	96.3	73.3	99.5	93.7	7 . 1
	40301	. 2	43.8	60.8	90.4	82.5	87.3	37.5	93.3	₹5.0	95.9	76.1	96.3	99.3	73.5	93.7	27.1
Æ	35001	. 2	43.8	60.6	33.4	82.5	97.3	87.5	93.3	95.0	95.9	96.1	96.3	93.5	99.5	v3.7	++.1
£	30001	• 2	43.8	60.8	93.+	82.5	87.3	87.5	93.3	95.0	95.9	96.1	96.3	73.3	93.5	49.7	***1
ıε	25.001		43.8	60.8	9.1.+	82.5	87.3	87.5	93.3	95.0	95.9	96.1	96.3	23.3	91.5	43.7	99.1
ì	20301	• 2	43.8	60.8	90.4	82.5	87.3	67.5	93.3	95.0	95.9	96.1	96.3	23.3	73.5	49.7	77.1
Ē	18301	.2	43.8	60.8	80.4	82.5	87.3	37.5	93.3	₹5.0	95.4	96.1	96.3	93.5	93.5	93.7	21.1
· Ł	15001	• 2	44.0	61.0	80.5	82.8	87.5	87.7	93.5	95.3	96.1	96.3	96.6	93.5	93.7	99.9	11.4
£	10001	• 2	44.4	61.6	31.3	83.4	3 p . 1	98.4	94.2	95.9	95.8	97.3	97.2	22.1	99.4	49.5	133.3
F	10201	• 2	44.4	61.6	91.3	83.4	99.1	88.4	94.2	35.9	95.8	97.3	97.2	77.1	99.4	99.5	111.1
F	9301	. 2	44.4	61.6	91.3	83.4	89.1	89.4	94.2	95.9	95.5	97.3	97.2	99.1	99.4		133.
£	9701	.2	44.4	61.6	91.5	83.4	38.1	89.4	94.2	95.9	95.8	97.0	97.2	99.1	94.4		133.3
. €	7501	. 2	44.4	61.6	81.3	85.4	88.1	88.4	94.2	75.9	95.8	97.0	97.2	99.1	97.4		133.3
F	6701	.2	44.4	61.6	91.3	81.4	88.1	39.4	94.2	95.9	95.8	97.5	97.2	99.1	99.4		133.3
E	5301		44.4	61.6	91.5	83.4	33.1	98.4	94.2	25.9	95.8	97.7	97.2		99.4	43.6	133.3
E	4301	• 2	44.4	61.6	91.5	83.4	93.1	89.4	94.2	75.9	95.8	97.3	97.2	77.1	77.1		133.3
·Ε	3301	•?	44.4	61.6	91.3	83.4	99.1	89.4	94.2	95.9	95.8	97.3	97.2	77.1	77.4		133.3
Ĺ	5701	.2	44.4	61.6	91.5	83.4	98.1	58.4	94.2	15.9	95.8	97.3	97.2	99.1	99.4		133.3
Ē	1001	• 2	44.4	61.6	91.3	83.4	99.1	99.4	94.2	35.9	95.8	97.3	97.2	99.1	99.4		133.3
ŧ.	 D {	2 -			81.3	83.4	99.1	99.4	94.2	25.9	04 0	27.5	0.7			03.4	
₹.	U 1	• 4	44.4	61.6	21.3	83.4	59.1	33.4	94.2	15.9	95.9	97.3	97.2	99.1	99.4	44.5	133.3

SCHAR CLIMATOLOGY BRANCH USAFETAC ATH . ATHER SERVICE/MAC

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#### PERCENTAGE FREQUENCY OF DOCUMPLING OF OFFILING MERSUS MISTATLITY FROM HOURLY DBSERVATIONS

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PERIOD OF RECORD: 76-85
MONTH: MAR HOURSELS STATION NUMBER: 616413 STATION NAME: DAKAR SENESAL HOURS(LST): 2103-2300 CETETNS | SE FEET | 13 VISIBILITY IN STATUTE MILES GE SE SE SE SE GE 2 1 1/2 1 1/4 1 3/4 5E 6E 0E 5E 5E 5E 5E 3.; 3 5/8 1/2 5/15 1/4 ...... NO LETE 1 11.6 30.8 46.2 47.2 52.3 53.3 57.5 57.6 59.1 53.1 55.6 57.3 57.6 59.3 53.5 GE 200301 55.5 55.6 55.6 57.7 57.7 67.7 61.7 67.7 51.7 53.2 59.2 63.2 63.4 53.4 53.4 14.4 35.€ 54.3 51.1 52.4 64.5 55.9 51.7 68.7 5 5 - 2 LE 140101 14.4 35.6 54.1 61.1 52.4 64.5 55.9 57.7 63.7 53.7 of 169101 35.6 14.4 63.7 53.7 53.4 58.7 79.0 69.4 5E 140.m1 14.4 36.4 55.1 56 • 5 62.1 65.7 67.9 68.7 68.7 67.2 64.7 79.0 12000 17.2 41.2 17.5 52.3 64.5 71.2 75.0 79.0 60.1 93.3 100101 17.2 41.2 64.5 64.6 71.2 71.2 72.5 75.0 75.0 79.3 19.3 79.3 81.1 11.5 11.5 79.0 79.5 79.3 33.5 52.3 90101 80.1 HOLDE 17.2 64.5 41.2 52.3 71.2 75.0 11.5 19.0 79.0 72.5 74.3 63.1 3).5 6.1 70301 41.. 52.3 71.2 72.5 75.0 77.5 79.0 79.0 79.3 77.5 79.4 87.1 52.3 12.5 75.0 17.5 shan ( 60.1 83.5 93.2 99.3 99.3 98.3 98.3 93.7 93.7 93.5 93.5 Gŧ 45J9İ 83.5 93.9 96.5 99.3 99.3 33.2 36.1 60.1 91.> 91.4 40301 35301 91.3 83.5 83.5 90.2 91.4 98.3 98.3 93.5 93.5 95.7 99.3 60.1 93.9 35.5 93.0 υl ₹6.1 60.1 93.9 96.5 99.0 30401 60.1 25.10 l 101.05 60.1 93.2 91.4 99.0 98.3 98.3 93.5 93.5 93.7 93.7 99.3 )).2 83.5 83.6 83.5 91.4 91.4 93.9 60.1 81.3 95.5 99.0 ωŧ 35.1 16701 56.1 36.1 93.2 98.3 93.7 G.E 50.1 81., 96-5 93.0 98.3 79.5 99.3 99.2 60.1 91.5 93.9 99.0 98.3 99.5 99.3 77.2 91.4 96.5 12 19 1 36.4 10001 60.6 60.6 84.1 84.1 93.7 91.9 94.4 ₹7.0 ₹7.0 99.5 99.5 98.5 98.5 98.5 ,,., ,,., 99.2 99.5 30.6 92.1 36.6 92.L 9J01 7J01 15.6 16.6 60.6 92.1 84.1 84.1 93.7 91.9 91.9 94.7 94.7 97.2 97.2 99.7 98.7 98.7 98.7 98.7 13.2 99.5 97.7 133.3 99.2 . 1 5 191 35.4 60.6 92.1 94.1 93.1 99.2 1111.1 Fint 92.1 U.E 16.6 60.6 84.1 92.7 91.9 94.7 27.2 94.7 9A.7 99.5 111.1 4101 3101 98.7 98.7 98.7 30.6 60.6 84.1 93.7 91.9 94.7 27.2 93.7 99.7 33.5 9... 111.1 84.1 84.1 93.1 91.9 94.7 94.7 #1.2 #1.2 99.5 99.7 u.f 36.6 tid - ti 92.1 94.7 99.7 22.2 1111.3 5301 61 1201 36.6 60.6 92.1 64.1 93.7 91.9 94.7 27.2 99.7 98.7 99.2 94.5 49.7 1111.1 0.1 16.6 60.6 32.1 84.1 93.1 21.9 94.7 27.2 93.7 99.7 98.7 99.7 94.5 97.7 133.3

JEOBAL CEIMATOLOGY BRANCH JSAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF DECURPINES OF CETEINS VERSUS VISIBILITY FROM HOURLY DBSCRVATIONS

141	IION NO	TWEF 5:	615413	STATE	ON WATE:	744	18 SEVIS	4 L					DF REC	75 : CFF		ALL	
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FEE		10	J: b	5			2 1/2		1 1/2		1	3/4	5/8	1/?	5/15	1/4	<b>3</b> :
		_															
4 () (	ETL I	• 3	15.8	32.1	45.1	47.1	51 + 3	51 - 4	57.1	59.5	59.9	59.0	54.2	59.7	59.7	59.8	5 3 - 2
, t .	lecen;	- 1	19.3	38.5	55.3	57.4	62.0	52.5	68.5	70.1	73.6	13.9	71.2	11.7	72.2	12.2	12.5
ı£ 1	16010}	- 1	19.3	38.8	55.3	57.4	52.3	52.5	68.5	73.1	73.6	77.9	71.2	71.7	72.2	12.2	12.5
ı ( ا	160301	- 1	19.3	38.8	55.3	51.5	52.0	52.6	68.5	73.1	73.6	73.9	71.2	71.7	12.2	12.3	72.5
aE I	10004	. 1	19.5	39.6	50.0	59.5	55.3	63.6	69.6	71.2	71.7	12.3	72.5	73.3	73.2	15.3	73.7
, f 1	150701	• 1	72.3	45.3	54.7	61.2	72.4	73.1	79.6	31.5	95.3	52.3	92.5	83.3	93.5	83.7	3 4 • 1
	וכנסטו	• 1	22.3	45.3	64.2	67.2	72.4	73.1	79.7	31.4	92.0	32.3	82.5	31.4	93.5	63.7	34.1
, E	90101	. 1	22.3	45.3	64.)	67.2	72.4	73.1	19.7	31.4	92.3	92.3	82.5	93.4	93.5	83.7	3 4 . 1
E	10008	. 1	22.3	45.3	54.)	67.2	72.4	73.1	77.7	31.4	42.3	92.3	92.5	93.4	95.5	63.7	3 4 - 1
u f	70001	. 1	22.3	45.3	54.7	67.2	72.4	73.1	79.7	31.4	92.0	82.3	82.5	33.4	A 3 . 5	63.7	3 + • 1
ΣE	66701	• t	22.3	45.3	54.9	67.2	12.4	73-1	79.7	51.4	82.0	92.3	82.5	83.4	93.5	83.7	9++1
3 E	Sough		36.3	59.3	79.3	81.3	95.4	87.2	93.7	25.4	95.0	96.4	96.5	97.4	37.7	91.3	33.2
ıΕ	45301	• I	36.3	59.3	19.3	81.3	35.4	37.2	93.7	25.4	95.0	96.4	96.6	97.4	91.7	47.9	91.2
ίξ	40301	. i	36.3	59.3	74.1	81.3	86.4	37.2	93.7	95.4	95.0	96.4	96.5	97.4	97.7	97.3	73.2
ιĒ	35.301	. 1	36.3	59.3	79.3	81.3	86.4	87.2	93.7	95.4	95.0	96.4	96.5	97.4	97.7	97.9	73.2
i-t	30001	• 1	36.3	59.4	74.3	81.3	85.5	87.2	93.8	75.5	95.1	96.4	96.1	91.5	97.1	97.5	99.2
Jξ	25301	- 1	36.3	59.4	79.)	81.3	95.5	37.2	93.8	35.5	95.1	96.4	96.7	37.5	91.1	97.9	93.2
JE JE	20301	. 1	36.3	59.4	79.3	81.5	85.5	57.2	93.9	35.5	95.1	96.4	96.7	97.5	91.1	97.9	73.2
Æ	18301	. i	36.3	59.4	79.1	81.3	86.5	87.2	93.8	95.5	95.1	95.4	96.7	91.5	97.7	97.3	93.2
ı f	15001	. 1	36.4	59.4	79.1	81.3	85.5	67.3	93.8	25.5	95.1	96.5	96.7	97.5	97.5	97.9	33.3
ŧ	12301	. 1	36.5	59.6	79.3	81.5	95.3	97.5	94.3	95.7	95.4	96.7	97.3	97.7	93.3	93.1	23.5
J.E	10301	٠.	36.8		79.3		97.3	89.7	94.5	36.2	95.9	97.2	97.5	23.2	73.2	99.5	,,,
, E	9 J D	• 1	36.8	59.9 59.9	79.3	82.1	91.3	99.7	94.5	96.2	95.9	97.2	97.5	73.2	73.3	95.5	**.)
. (	8301	: 1	36.9	60.1	90.3	82.3	B1.5	86.3	94.8	15.6	97.2	97.5	97.8	93.5	73.7	99.3	77.3
Ē	7301	::	36.9	60.1	90.1	82.4	97.6	99.3	94.9	16.6	97.2	97.5	97.8	99.5	93.7	99.3	77.4
.(	6301	- 1	36.9	60.1	93.	82.5	37.7	19.4	75.3	35.7	97.4	97.7	98.3	73.7	99.)	99.1	34.5
									_						_		
ı ŧ	e 30	• !	37.5	60.2	90.4	82.9	83-1	39.9	95.3	97-1	97.7	99.3	98.3	99·1	99.4	99.5	99.9
E	4.101	• 1	37.0	67.2	90.+	82.9	89.1	89.9	95.3	₹7.1	97.7	99.3	98.3	77.1	94.4	99.5	***
J.E	3301	• 1	37.0	60.2	93.4	85.9	88.1	99.9	95.3	77.1	41.1	94.3	79.3	33.1	79.4	99.5	33.3
ıΕ	2001	• 1	37.0	60.2	30.4	82.7	85.1	88.8	95.3	v/.1	91.1	99.0	98.3	99.1	93.4	49.5	****
) f	1301	- 1	37.0	60.2	37.+	82.3	33.1	34.5	75.4	¥7.1	91.7	99.1	74.3	**.1	99.4	49.5	133.3
υŧ	១វ	1	37.0	60.2	90.4	82.9	33.1	99.9	25.4	+7.1	97.7	98.1	98.3	99.1	77.4	47.5	133.3

BLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### PERCENTAGE FREQUENCY OF DOCUMENTED OF COLLING VERSUS VISIBILITY FROM HOUSE VARIOUS

STATION NUMBER: 616410 STATION NATE: DAMAR SEVESAL PERIOD OF RECORD: 75-35
MONTH: APR HOURS(EST): 1000-0200 ATZIBIFILA IN ZIVIDIE HIFEZ CETUING TN | GE | 10 | | FEET | 10 | | 10 | | 5E 6 SE SE SE SE 2 1 1/4 GE 3/4 51 5/15 36 1/4 3 C 3 1/2 5/8 NO CETE 1 14.2 48.2 56.J 66.3 73.3 73.5 14.2 75.3 6E 200301 52.9 52.9 52.9 53.1 71.7 71.7 71.7 12.5 16.1 15.5 76.5 75.5 76.5 79.7 31.2 81.2 81.2 31.2 91.5 91.5 31.5 91.5 81.5 31.5 0 180301 0 10031 30 79.9 12.5 12.1 75.5 75.7 16.1 76.5 76.7 79.9 80.1 31.2 81.2 91.4 81.2 81.6 81.8 31.5 91.5 81.5 51.5 61.6 31.5 81.5 14030 16.1 91.4 66 120301 16.7 55.6 74.1 75.7 79.3 79.9 93.3 34.6 84.5 94.5 95.3 95.) 95.3 85.0 30.) GE 100301 16.7 55.€ 74.3 75.9 79.9 79.9 79.9 79.9 79.9 83.3 83.3 34.6 94.6 84.5 95.3 85.3 95.1 35.3 35.3 55.6 55.6 74.3 74.3 74.3 υŧ וחנחצ 16.7 75.9 75.9 79.9 94.6 34.5 85.3 95.3 65.0 8030 94.6 94.6 95.J 95.J 15.7 84.6 84.6 95.0 95.0 85.3 85.3 35.) 95.) 4.1 20001 16.7 75.9 19.9 60301 16.7 55.6 75.9 79.9 74.3 93.3 34.6 94.6 84.5 95.3 99.2 99.2 89.2 G.F 50301 25.0 85.2 85.2 85.2 93.9 93.9 94.3 94.3 94.3 64.9 93.9 91.9 94.3 94.3 99.2 92.5 94.3 94.3 u E U E 45001 26.0 64.9 94.1 89.2 89.2 92.6 40101 93.9 94.3 93.9 94.3 24.5 14.5 94.3 35.101 26.0 64.9 94.1 85.2 89.2 99.2 92.6 93.9 93.9 93.9 64.9 26.0 92.6 93.9 93.9 93.9 85.9 85.4 89.2 89.4 61 25381 26.0 64.9 93.9 94.1 39.2 92.6 93.9 93.9 94.3 94.3 94.3 94.5 94.1 94.1 94.3 94.1 94.1 94.3 20001 26.0 64.9 89.4 92.8 92.8 91.5 94.4 94.5 18301 15301 26.0 94.1 94.5 94.5 94.5 94.5 34.5 65.1 85.6 89.5 93.0 26.2 94.5 89.5 94.3 94.7 94.7 24.7 12301 26.2 35.2 96.2 96.5 95.5 95.5 95.5 35.0 inont 26.8 26.8 97.5 88.5 92.6 92.5 92.6 96.0 96.0 97.3 97.3 97.3 97.7 97.7 97.7 97.7 97.7 9001 66.4 97.3 97.7 97.7 ₩ 26.8 26.8 66.6 67.0 97.7 88.8 92.8 93.2 92.9 97.5 97.9 97.5 97.5 υŧ 8001 97.9 97.9 7001 96.5 98.5 93.3 93.3 99.3 23.3 6001 67.2 93.1 97.5 99.7 26.8 25.8 67.2 39.) 49.] 90.1 90.1 94.3 97.7 99.9 99.2 93.5 98.9 99.2 99.4 99.4 99.5 99.4 49.4 49.5 SUNT 74.3 74.3 ,,,, 4301 77.3 26.8 26.8 57.2 67.2 93.1 93.1 94.3 94.3 97.9 97.9 99.2 99.2 99.2 99.6 99.5 99.5 99.5 1. F 3001 84.1 77.3 89.3 100.0 ++.3 .. F 1.491 25.8 67.2 94.1 90.1 94.3 94.3 97.9 33.2 99.2 99.2 99.5 PP.3 77.3 133+3 0.1 49.1 i. f 26 a B 67.6 97.1 94.1 94.3 97.4 99.2 99.2 39.7 99. 3 99.9 99.4 99.9 133.3

GEURAL CETMATOLOGY BRANCH

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STATION NUMBER: 616413 STATION NAME: DAKAR SEVESAL VISIBILITY IN STATUTE MILES CETCING 1 26 117 -** St 3E 3E 2 1 1/2 1 1/4 3E 374 1/2 5/15 1/4 2/3 NO CETE 1 12.8 45.6 57.2 73.7 13.9 71.4 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 75.7 14.3 47.9 57.2 57.2 68.4 71.2 71.2 71.4 75.1 75.1 75.7 75.7 Loudes 39 74.9 74.9 15.2 15.2 01 160301 15.1 15.1 46 160001 46 140001 69.4 68.4 71.2 71.2 71.4 74.9 74.9 15.2 15.2 75.7 75.7 14.3 47.9 51.2 75.7 . 3 14.3 47.9 67.2 75.7 15.7 15.7 15.3 GE 120101 15.0 50.9 70.7 71.9 19.7 74.7 74.7 74.7 19.2 19.2 19.2 100001 15.0 50.9 70.7 71.9 74.9 13.7 18.7 77.2 17.2 79.2 79.4 15.6 74.9 74.9 79.2 79.2 79.2 50.9 71.9 79.4 10006 70.1 78.4 79.2 79.2 79.2 79.2 77.2 79.7 19.7 79.2 79.2 79.2 79.2 77.4 UΕ 60001 . 3 50.4 70.7 78.4 79.2 10301 74.9 78.4 79.2 17.2 15 • U 53.9 70.1 74.7 15.0 60301 50.9 70.7 71.9 74.7 78.4 19.7 79.2 17.2 79.2 79.2 79.2 19.2 11.4 25 • 1 25 • 1 25 • 1 38.7 99.7 33.7 99.2 99.2 99.2 89.2 89.2 89.2 99.2 99.2 89.2 99.2 99.2 50301 60.9 90.7 62.0 84.7 85.0 88.5 39.2 B 9 . 2 37.5 90.7 82.0 84.7 95.3 95.3 99.2 45301 40301 60.9 88.5 37.5 67.2 ι,Ę 60.9 89.2 55 an 30301 25.1 60.9 90.7 82.3 84.7 35.3 89.5 39.7 99.2 12.5 94.7 84.7 84.7 88.5 98.7 88.7 39.7 39.0 39.0 99.2 99.7 89.7 99.2 99.1 99.1 89.2 89.7 89.7 99.2 99.7 89.7 93.7 37.5 25 - 1 60.9 82.3 35.3 39.2 89.2 95.0 95.5 10001 25 • 1 25 • 1 60.9 90.7 82.3 37.7 89.7 89.7 *3.3 υE . 5 15.101 91.2 93.2 90.2 93.2 61.4 32.0 92.7 υŧ 12301 91.7 72.7 92.1 32.7 42.1 23.) 10001 26.8 63.4 95.5 86.7 99.5 59.7 93.5 93.7 94.5 94.5 94.5 94.5 94.5 94.5 GE GF 10L6 10C8 26.8 26.8 63.4 85.7 66.7 87.3 89.5 89.7 93.5 93.7 94.0 94.5 94.5 94.5 94.5 94.2 94.5 94.7 94.7 95.7 99.7 93.3 95.3 7 10 1 25.8 63.7 87.3 **≯4.**0 94.7 94.7 94.7 6001 35.J 75.7 96.7 75.7 94.3 90.2 93.0 93.0 91.0 99.3 98.3 98.7 79.3 93.3 93.2 26.8 65.4 93.2 93.7 93.7 93.7 93.7 99.7 4301 1301 . 5 99.0 99.5 93.7 1.1 26.8 34.1 89. 98.2 99.2 99.2 65.4 2.101 . 5 25.8 39.3 90.7 93. > 94.2 29.5 99.2 99.7 99.2 94.2 49.2 1111.1 19.5 99.2 100.0 01 99.> 98.2 99.2 100.0

ULUBAL CLIMATOLUBY PRANCH USAFETAC AIR WEATHER SERVICEZMAC

# PEXCENTAGE FREGULINCY OF UCCURRENCE OF CELLING VERSUS VISIBILITY FROM HOURLY DISERVATIONS

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ATT WITH THE RESERVED

STATION NUMBER: 616410 STATION NOTE: DAKAR SENERAL PERIOD OF RECORD: 75-35 MONTH: MAY HOURS(LST): 1300-2303 VISIBILITY IN STETE MILES ΰΕ 5/6 û⊾ û: 1/2 5/15 5*E* 174 ٤٤ ( NO CETE 1 56.9 57.9 59.1 59.3 6E 20039[ GE 18030] 33.5 33.5 54.2 54.2 67.5 59.5 58.5 53.3 53.1 58.5 49.4 53.5 61.5 54.3 53.3 59.3 58.5 69.7 53.7 58.3 53.1 GE 160301 13.5 58.5 64.3 54.2 58.3 68.5 53.5 53.5 64.4 73.2 **6E 14030** J 30.5 49.6 58.3 61.9 64.2 67.5 54.3 63.5 58.5 68.7 55.7 64.7 64.9 54.2 UE 120301 55.9 55.9 55.9 55.9 73.2 73.2 73.2 73.2 73.3 73.3 73.3 73.3 e reposit 69.1 69.1 69.1 75.3 78.3 78.3 78.3 33.5 11.8 17.8 73.0 73.0 79.3 73.3 72.8 72.8 72.8 13.5 1000 33.5 55.5 77.3 78.3 78.5 79.5 17.3 77.3 11.8 79.0 78.3 of GE 90001 56.5 78.5 70001 33.5 78.3 56.3 78.3 79.5 79.5 60301 69.7 73.5 50001 45001 40001 87.9 87.9 87.9 95.1 95.1 95.1 95.1 95.5 95.3 95.3 90.9 90.9 90.9 35.5 35.5 74.0 74.0 74.0 84.5 84.5 34.5 95.1 95.1 95.1 35.9 51.6 91.5 95.1 96.1 95.3 95.5 96.3 ω£ 51.6 96.3 95.3 75.5 15001 95.9 95.9 51.6 91.3 95.1 96.3 95.5 30 10 1 51.5 74 - D 87.8 87.8 87.8 87.8 25001 51.6 74 . 1. 34.5 93.9 91.3 95.1 95.1 95.9 95.9 95.1 95.1 95.1 96.1 96.3 96.3 95.3 95.5 95.5 95.5 33.5 94.5 74.0 74.0 18001 91.3 91.5 95.1 95.1 #5.9 #5.9 95.1 95.1 96.3 96.3 95.3 95.3 75.5 75.5 51.6 93.9 95.1 95.3 95.5 74.0 10001 57.4 75.0 95.4 92.3 96.1 37.0 97.2 97.2 97.4 77.5 97.2 97.2 97.2 10001 53.5 93.7 99.0 99.0 99.3 100.0 16.5 94.1 99.0 99.2 133.3 9.70 | | OT. 8 53.5 53.5 76.d 76.d 99.7 93.7 94.1 94.1 98.3 99.8 99.8 99.0 99.3 99.2 99.5 99.3 100.0 133.3 6.6 53.5 53.5 97.2 99.3 99.2 99.5 7501 93.1 99.0 99.9 99.3 94.1 ¥9.8 ٠ŧ 6001 100.0 100.0 99.3 99.3 99.3 99.2 99.2 99.2 37.2 98.0 98.0 98.0 99.9 99.9 99.8 99.5 99.3 76.8 47.1 94.1 99.3 101.1 111.1 53.5 53.5 75.8 76.8 99.7 93.7 94.1 94.1 99.0 99.5 99.3 G F 4 10 1 37.2 101.3 133.3 3301 97.2 133.3 133.3 2401 53.5 76.8 97.2 90.7 74.1 99.3 99.3 99.2 99.4 53.5 76.0 93.7 74.1 100.0 53.5 31.2 91 76.b 93.7 95.7 73.0 99.2 77.5 99.3 100.0 100.0 94.1 99.3 99.3

SLOBAL CLIMATOLOGY HRANCH USAFETAC AIR =EATHER SERVICE/MAC

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#### PERCENTAGE FREWLENCY OF OCCURRINGE OF CELLING MERSUS MISIBILITY FROM HOUSELY DISSERVATIONS

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PIRIOD OF RECORD: 75-85 MONTH: MAY HOURSELSTE: 1500-1700 STATION NUMBER: 615410 STATION NAME: DAKAR SENEGAL VISIBILITY IN STATUTE MILES
SE SE SE CEILING .EILINS - IN | 1 GE - FFET | 10 SE 3E 3E 6 t 31 35 36 2 1 1/2 1 1/4 5 E 5E 172 3: 5/15 31 174 3/4 6 1 5/8 ) NO CETE I 47.3 53.1 50.9 45.1 45.1 45.1 45.1 53.9 53.9 53.9 53.9 53.9 63.9 54.3 54.3 54.3 54.3 28.U 25.U 55.4 57.3 53.4 53.4 51.1 51.1 62.5 33.7 53.7 53.9 200001 64.3 54.3 54.5 180301 54.3 64.3 54.5 UE 160001 28.0 28.0 55.4 57.3 57.3 50.4 51.1 62.6 53.7 63.9 54.3 54.3 64.3 64.3 61.6 61.3 64.3 64.9 54.1 "E 150761 10.9 50.5 61./ 61.8 59.9 73.9 12.0 17.2 12.2 12.2 72.5 72.5 12.5 72.5 100001 30.9 73.9 50.5 51.7 64.1 59.9 59.9 73.9 73.9 12.0 72.2 72.2 72.2 72.2 12.2 12.2 12.5 12.5 12.6 12.6 12.5 12.5 72.5 72.5 72.5 72.5 12.3 12.3 12.5 12.3 90201 50.5 51.7 57.3 72.0 64.1 72.2 72.2 72.2 53.9 50.9 50.5 50.5 51.7 51.7 64.1 64.1 51.3 51.8 59.9 59.9 73.9 73.9 12.0 12.2 12.2 72.5 72.5 SE SE 80301 Ų.€ 60301 30.9 50.5 61.7 67.8 68.9 72.5 95.8 95.8 95.3 92.5 92.5 95.5 95.8 95.3 95.3 95.3 50301 45301 54.5 54.5 14.2 14.2 87.7 87.7 94.5 94.5 95.5 95.5 95.8 95.3 u.E 91.5 40301 54.5 74.2 87.7 91.5 91.5 92.6 94.5 95.6 95.8 P > . 5 6 £ ₹5.6 95.3 95.3 85.3 95.8 35001 92.6 30001 54.5 74.2 92.5 15.6 95.9 95.3 95.3 95.3 75.3 54.5 54.5 54.5 45.3 95.3 95.3 87.7 87.7 87.7 ¥5.9 ω£ 25 301 91.5 +2.5 75.6 95.8 75.5 25.3 95.3 95.3 25.3 25.8 25.8 74.2 74.2 91.5 92.5 94.5 95.6 95.6 95.8 95.8 95.8 95.3 95.3 95.3 95.3 95.3 95.3 95.3 20001 18301 υ£ 95.3 96.3 97.8 95.7 95.2 15001 54.7 74.6 89.2 91.9 +3.0 95.3 75.1 76.3 95.7 95.7 25.7 12001 97.8 49.2 99.2 56.0 56.0 56.2 99.3 99.3 99.5 91.5 91.5 91.8 98.9 98.9 99.1 99.3 98.2 98.2 98.4 90.4 90.8 91.0 94.5 94.5 94.7 95.5 95.5 95.3 99.3 10001 #9.7 #3.7 98.9 77.0 77.2 93.9 98.4 22.5 u€ GE 9.10 1008 99.5 99.5 33.5 ***8.** 9 7.001 56.5 77.5 90., 91.2 95.3 95.3 96.1 95.1 98.3 99.1 99.3 99.3 94.3 99.9 99.3 47.9 * * . 3 6301 56.5 5001 ι, Ę 56.5 98., 91.2 95.1 95.1 99.3 77.1 99.3 99.8 ... 98., 91.2 95.J 96.1 95.1 99.3 99.5 97.3 99.3 47.9 ĿΕ 4301 55.5 11.5 99.3 99.1 97.3 11.5 99.3 99.9 3301 56.5 91.2 98.3 77.1 99.3 77.3 97.8 99.3 99.1 99. 1 99.9 21.3 u F 2391 56.5 90.5 91.2 95.3 96.1 98.0 99.1 21.1 1001 95.3 56.5 99.8 100.0 77.3 n I 11.5 99.3 ****.** 3 99.9 100.0

TOTAL NUMBER OF DASFRUATIONS: 457

GEOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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PERIOD OF RECORD: 75-35

MONTH: MAY HOURS(LSTD: 1700-1400 STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL CEILINS SELLE STRIBLES AT ALTHUE LEILING IN | GE FEET | 10 3Ē SE SE SE 2 1 1/2 1 1/4 1/4 10 3/4 5/8 1/2 5/15 3 NO CEIL I 40.0 49.2 50.8 51.6 54.5 26.4 40.2 55.9 65.7 GE 20ponl 33.7 48.8 59.3 61.3 53.0 53.9 55.1 56.3 65.7 65.7 66.7 65.9 55.7 6E 180301 6E 160301 6E 140301 55.7 55.7 57.1 56.7 66.7 67.1 55.9 55.9 57.3 65.7 65.7 67.3 30.1 48.8 59.3 61.3 63.J 63.9 65.1 55.3 55.7 55.3 55.7 55.3 55.7 48.8 55.7 57.1 55.7 30.7 59.3 63.8 57.3 66.1 66.5 74.2 30.7 49.2 50.J 63.4 54.2 74.8 75.3 75.3 6E 120301 33.5 54.9 73.9 61.1 69.7 74.8 74.8 74.8 74.8 75.3 75.3 74.4 74.4 74.4 74.4 75.3 75.3 GE 100001 54.9 54.9 73.9 73.9 73.9 71.7 71.7 74.8 74.8 67.1 57.1 68.7 74.2 74.8 74.9 75.3 75.3 75.J 33.5 99101 1000 3.5 54.9 67.1 68.7 33.5 33.5 74.8 ù F 70001 54.9 57.1 55.7 73.9 71.7 74.2 74.8 75.3 75.3 75.3 75.0 95.1 95.1 95.1 95.1 75.2 75.2 97.4 89.J 89.J 92.1 94.5 95.1 95.1 95.1 95.1 95.3 95.3 95.3 95.3 94.7 94.7 94.7 45301 53.9 91.3 95.3 25.3 5E 75.2 15.2 95.1 40301 89.3 91.3 92.1 94.5 95.1 95.3 95.3 6.6 35 JB I 53.9 87.4 89.3 91.5 92.1 94.5 95.1 95.3 90.3 45.3 25.5 30201 53.9 94.5 94.5 94.5 95.1 37.1 97.1 89.3 89.3 92.1 92.1 95.1 95.1 95.1 95.1 95.3 25301 53.9 95.3 75.2 75.2 75.6 95.1 95.3 75.3 94.7 20001 91.3 95.3 ŏ€ 53.9 1800 | 1500 | 89.3 92.1 94.7 95.3 95.1 95.7 95.1 95.7 95.1 95.7 95.3 95.9 GE 53.9 97.4 91.3 95.5 95.3 54.3 91.9 ĿŁ 90.1 12001 90.1 92.5 94.7 95.5 98.0 98.0 98.2 99.2 99.6 98.5 98.5 99.8 98.8 LΕ 10101 55.7 77.8 98.6 99.8 29.3 93.3 98.5 ίįξ 9301 55.7 77.8 99.9 800 L 700 L 56.7 56.7 79.1 79.1 91.3 93.7 95.9 96.7 99.2 99.4 99.4 99.8 99.9 99.8 99.8 133.3 133.3 100.0 133.3 101.0 96.7 table 56.7 79.1 93.7 99.2 39.4 99.8 99.8 99.8 100.0 100.0 100.0 100.0 55.7 56.7 95.7 96.7 99.8 133.3 5.101 79.1 91.3 99.2 99.8 103.3 4001 79.1 71.7 93.7 95.9 99.2 153.3 103.3 79.1 79.1 91.7 93.7 95.9 95.7 95.7 99.4 99.4 99.3 133.3 r. F 3.101 55.7 99.2 99.8 99.8 100.1 101.0 1111.1 2301 56.7 ı, E 1301 56.7 79.1 91.7 91.7 95.9 95.7 99.2 99.4 97.B 99.8 99.H 131.3 190.0 100.0 100.0

56.7

79.1

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133.3 133.3 133.3 133.3

01

GLUBAL CLIMATOLOGY RRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PERCENTAGE FREGUENCY OF OCCURRENCE OF CETEING VERROUS VISIBILITY FROM HOUGHLY OBSERVATIONS

IL INS	• • • • • • •		• • • • • •	• • • • • •	• • • • • • •			IN STAT			• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •
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EET   10	6	5	•		2 1/2		1 1/2		1	3/4	5/8	1/2	5/15	1/4	J
• • • • • • • • • • • • • • • • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •
CETE	19.1	57.7	46.7	48.5	50.6	51.3	52.2	52.6	53.1	53.3	5 5 . 3	53.5	53.5	53.5	53.5
200001	57.9	43.2	54-1	56.3	59.1	59.9	61.1	51.8	52.5	52.8	62.8	53.0	53.3	63.3	53.3
140701	20.9 21.1	43.2	54.1	56.3	59.1	59.9	61.1 61.4	21.9	52.5	52.9 53.3	52.3 63.3	53.3 53.?	53.] 53.2	63.3 63.2	53.2
100301		43.4	54.3	56.6	59.3	50.0		52.1	52.8			53.7	53.7	53.7	53.7
147301	21.1	43.7 51.3	54.2 56.2	56.9 69.5	59.3 71.5	53.5 72.2	61.3 73.8	52.5 74.5	53.2 75.2	53.4 75.4	53.4 75.4	75.5	75.5	75.5	75.5
140001	. 5 . 1	31.3	30.1	05.5	/1.5	12.2	73.8	14.5	13.2	13.4	13.4	13.3	73.3	13.5	,,,,
100301	25.1	51.3	66.2	69.5	71.5	72.2	73.8	14.5	15.2	75.4	75.4	75.5	75.5	75.5	15.5
90301	25.1	51.3	56.2	68.5	71.5	72.2	73.0	14.5	75.2	15.4	75.4	15.5	75.5	75.5	75.3
90301	25.1	51.3	56.2	69.5	71.5	12.2	73.8	74.5	75.2	75.4	75.4	75.5	75.5	75.5	75.:
70301	25.1	51.3	56.2	69.5	71.5	72.3	73.8	14.5	75.2	75.4	75.4	75.5	75.5	75.5	75.5
P0.101	25.1	51.3	66.3	69.5	71.5	72.2	73.8	74.5	75.2	75.4	75.4	75.5	75.5	75.5	75.5
50.104	44.6	10.8	95.1	88.3	91.3	91.7	93.3	*4.0	94.7	94.9	94.9	95.2	95.2	95.2	95.
45 30 1	44.6	70.8	35.7	89.3	91.3	91.7	93.3	34.0	94.7	94.9	94.9	95.2	75.2	95.2	95.
40301	44.6	70.8	95.1	89.0	91.0	91.7	93.3	94.3	94.7	94.9	94.9	95.2	95.2	95.2	₹5.
35001	44.0	70.8	95.7	88.3	91.3	91.7	93.3	<b>∂4.</b> 0	94.7	94.9	94.9	95.2	75.2	45.2	95.
10001	44.6	70.8	45.1	69.J	91.0	91.7	93.3	34.0	94.1	94.9	94.9	95.2	95.2	95.2	95.0
25.101	44.6	70.8	35.1	89.3	91.0	¥1.7	93.3	34.0	94.7	94.9	94.9	95.2	95.2	95.2	95.2
10005	44.0	70.0	95.1	69.J	91.3	91.7	93.3	94.0	94.7	94.9	94.7	95.2	95.2	95.2	7
18301	44.6	70.8	35.7	88.0	91.3	91.7	93.3	94.0	94.7	94.9	94.9	95.2	95.2	95.2	₹5.
15001	45.3	71.7	96.1	89.3	92.0	72.5	94.3	34.9	95.6	95.9	95.9	₹5.1	95.1	95.1	95.
17901	45.5	13.6	97.,	a).)	92.9	93.6	95.2	95.9	96.0	96.8	96.8	97.3	97.J	97.3	97.
19001	45.0	73.Ł	38.7	91.J	94.0	94.7	96.3	97.0	97.1	97.9	97.9	99.2	93.2	93.2	93.
9301	46.0	73.6	38.7	91.3	94.3	94.7	96.3	97.3	97.7	77.9	91.9	93.2	93.2	43.2	→ 3 .
8301	46.0	74.5	9+.7	92.2	95.2	95.9	97.5	99.2	99.9	99.1	99.1	77.3	99.3	99.3	23.
7001	46.0	74.5	99.1	92.2	95.2	45.9	97.5	₹9.2	93.9	99.1	99.1	99.3	99.3	99.3	₽₽.
eno1	46.4	74.9	90.1	92.5	95.6	96.3	91.9	98.6	99.3	99.5	99.5	99.9	99.3	49.8	99.
5.101	45.4	74.9	<b>∌</b> J.1	92.6	95.5	95.3	97.9	79.9	99.5	99.5	99.8	133.3	101.3	103.3	111.
5 J D   4 J C	46.4	74.9	93.1	92.5	95.5	96.3	97.9	78.9	99.5	99.9	99.9	133.3	103.3	133.3	133.
3001	46.4	74.9	90.1	92.5	95.6	16.3	97.9	99.9	99.5	99.9	99.8	100.0	100.0	103.0	100.0
2301	46.4	74.9	90.1	92.5	95.5	96.3	97.9	78.9	99.5	99.9	99.8	133.3	133.3	100.0	1111.
1501	46.4	14.9	90.1	42.5	95.6	96.3	97.9	98.9	99.5	99.8	94.6	133.3	100.0	103.3	100.

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### PERCENTAGE FREGUENCY OF OCCURRENCE OF CETATING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

PERIOD OF RECORD: 75-85 MONTH: MAY HOURE(LETT: 0500-080) STATION NUMBER: 616417 STATION NAME: DAKAR SENEGAL CEILING VISIBILITY IN STATUTE MILES 35 3E 3E 3E 3E 2 1 1/2 1 1/4 1 IN I FELT 1 GE 38 5/8 10 NO CETE 1 43.3 55.3 55.6 59.3 51.1 7.6 59.3 63.3 50.7 63.7 53.9 50.9 61.1 51.1 61.1 GE 200301 10.6 45.0 50.3 62.4 55.5 55.5 67.5 57.9 67.9 69.3 53.3 53.3 69.3 53.3 68.1 55.5 65.5 67.1 83.45 13.6 45.0 50.3 62.4 55.5 57.5 37.9 57.9 67.9 59.1 63.3 53.3 ละ เมกากโ 68.1 OF 190301 68.1 63.3 50.) 73.) 66 140301 10.6 45.6 63.3 67.1 11.9 DE 120301 83.6 81.6 82.2 82.2 92.4 32.5 92.5 82.5 32.5 •? 53.4 53.4 53.4 GE 100001 82.6 82.5 42.5 32.5 32.5 32.5 80 សែ 80.5 82.4 62.5 82.5 81.8 32.2 82.2 92.4 11.9 73.) 73.) 75.7 75.7 33,5 33.5 80.6 80.6 81.9 32.2 82.2 82.4 92.4 90.101 92.5 80501 92.5 75.7 75.7 52.2 52.2 70001 11.9 73.1 33.5 90.6 92.4 82.4 92.5 80,-6 80.6 82.4 32.5 82.5 32.5 91.3 91.3 91.3 22.3 92.2 93.3 93.3 93.3 93.3 •2 63.8 63.8 93.4 86.1 91.0 92.6 97.9 97.8 93.0 73.) 73.) 73.) 73.) 93.3 93.3 93.3 93.3 86.1 91.3 92.6 92.5 92.9 92.5 υE 45301 4000| 3500| •2 22.3 93.4 63.8 92.2 63.8 86.1 91.3 92.2 72.6 92.6 92.9 92.8 3000 22.3 93.3 93.3 93.1 25301 •2 93.4 91.3 92.6 63.8 63.8 20301 92.5 92.5 85.1 85.1 92.2 92.2 93.3 93.3 73.3 üΕ 91.3 ₹2.6 92.8 91.0 93.4 Ĺ-f 18301 . ? 22.3 63.8 72.5 92.6 92.8 93.3 93.3 22.3 15301 63.8 91.3 92.6 92.6 95.3 23.3 86.1 91.3 92.8 92.8 93.3 91.3 12 10 1 94.1 94.5 96.1 95.5 22.3 86.3 96.3 89.3 94.1 95.1 95.3 GE 1000 66.7 95.3 95.7 95.7 95.9 95.9 95.1 9301 95.5 97.3 97.8 95.9 97.8 95.3 93.2 93.5 95.9 97.8 96.1 96.1 95.3 25.3 6€ 9001 . 2 22.3 67.7 97.7 93.9 96.1 95.5 98.3 98.0 93.2 99.2 93.2 98.5 7301 68.1 91.2 93.2 99.4 98.4 93.5 98.3 49.5 6 E 6301 . 2 22.5 69.1 89.5 99.0 97.4 GE GE 99.3 92.6 100.0 100.3 5001 . 2 22.5 69.1 98.3 98.3 99.2 99.6 99.6 99.9 99.8 100.0 69.1 4301 99.6 99.6 22.5 92.5 99.3 98.3 99.2 99.6 99.9 79.8 133.3 133.3 103.3 131.1 89.3 99.2 92.6 99.6 G€ . 2 98.3 99.9 99.8 100.0 (1).) 137.7 133-1 1002 22.5 69.1 78.3 99.3 99.8 100.0 100.0 100.0 133.3 1001 . 2 22.5 69.1 89.3 92.6 99.1 01 .2 6 E 22.5 69.1 99.4 92.6 98.0 98.0 99.2 79.6 99.6 99.8 99.6 100.0 100.0 100.0 100.0

GLGBAL CLIMATOLOGY BRANCH USAFETAC AIR #, ATHER SERVICE/MAC

### PERCENTAGE FREGJENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

N VOLTATE											нтисм	: MAY		(151):	<b>33</b> 03-35	33
CEILING	• • • • • •	• • • • • • •	• • • • • •	• • • • • •					IN STATE			• • • • • •	• • • • • • •		•••••	• • • • • • • • • •
	6E 10	3E 6	6£ 5	5£ 4		3E 2 1/2	G € ?	3E 1 1/2	3E 1 1/4	3E 1	SE 3/4	GE 5/a	3 E	35 5/15	5E 174	3E 3
NO CEIL I	•2	7.1	39.2	57.	59.9	53.3	63.5	64.9	o 5 • 4	65.6	55.5	65-6	55.3	55.3	65.8	55-3
06 200001	• ?	7 - 3	41.9	61.3	63.3	67.3	67.2	68.6	59.0	69.2	69.2	69.2	69.5	59.5	69.5	59.5
SE 180301	• 2	7.3	41.9	51.3	63.3	67.3	57.2	68.6	59.0 59.0	69.2	59.2 59.2	69.2	59.5	59.5	69.5	5 7 • 5 5 9 • 5
06 15030  06 14030	•2	7.3 8.4	42.1	61.1 70.3	73.6	67.4 77.4	57.7 77.7	69.0 79.0	59.5 19.5	69.7 79.7	69.7 79.1	69.7 79.7	69.9 30.3	93.3	63.3	59.9 33.3
6E 10030 E	• ?	8.4	47.6	71.L 71.1	75.8 73.8	71.1 77.7	77.9 77.9	79.3 79.3	79.7 19.7	83.0 93.3	80.3 80.3	80.0	83.2	83.2	83.2 83.2	30.2
GE 80301	•2	8.4	47.6	71.1	73.8	77.7 77.7	77.9 77.9	79.3	79.7 79.7	93.0	83.3	90.3	37.2	83.2	83.2	33.2
ce eusui	• 2	8.4	47.6	71.1	73.9	77.7	17.9	79.3	19.7	83.0	80.0	90.0	33.2	93.2	87.2	93.2
6E 50001	• 2	21.9	61.0 61.0	94.5	87.2 87.2	91.1 91.1	91.3 91.3	92.7	93.2 93.2	93.4 93.4	93.4	93.4	93.5	93.5	93.6 93.6	93.5 93.5
6E 40001	• 2	21.9	61.U	94.5	87.2	91.1	91.3 91.3	92.7	93.2	93.4	93.4	93.4	93.6	93.5	93.6	93.5 93.5
10001	• 2	21.9	61.0	84.5	87.2	91.1	91.3	92.7	33.2	93.4	93.4	93.4	93.6	93.5	93.6	<b>33.5</b>
GE 25001 GE 20001	• ?	21.9	61.U 61.0	84.5 84.5	87.2 87.2	91.1 91.1	91.3 91.3	92.7 92.7	93.2 93.2	93.4 93.4	93.4 93.4	93.4	93.6 93.6	93.5	93.6 93.6	93.5
GE 1830) GE 1530)	• 2	21.9 21.9	61.0 61.0	94.5	87.2 87.2	91.1 91.1	91.3 91.3	92.7 92.7	93.2 93.2	93.4 93.4	93.4	93.4 93.4	93.5 93.5	93.5 93.5	93.5	93.5 93.5
GE 1230	• 2	21.9	62.0	95.4	88.2	92.3	92.3	93.6	94.1	94.3	94.3	94.3	94.5	94.5	94.5	94.5
6E 9001	•2	21.9 21.9	63.1	96.3	89.5 89.5	93.4	93.6 93.6	95.0 95.3	95.4 •95.4	95.7 95.7	95.7 95.7	95.7 95.7	95.7 95.7	95.9 95.9	95.9 95.9	95.9
SE 830  SE 750	• 2	21.9 21.9	64.0 64.5	97.7 98.2	93.4	94.3 94.8	94.5 95.0	95.9 96.4	35.4 36.8	96.6 97.0	96.5 97.3	96.6 97.3	95.3 97.3	95.8 97.3	96.9 97.3	95.3 97.3
0E 630	• 2	21.9	65.6	99.7	92.5	96.1	96.6	97.9	98.4	99.6	99.6	98.6	93.9	93.7	93.9	73.7
6E 430	.2	21.9 21.9	65.8 65.8	90.2 90.2	92.9 92.9	96.8 95.8	97.j 97.j	98.9 98.9	99.3 99.3	99.5 99.5	99.5 99.5	99.5 99.5	99.3	99.3	99.8	99.3 99.3
PE 3301	•2	21.9 21.9	65.8 65.8	30°5	92.9 92.9	95.8 96.8	97.3 97.3	99.1 99.1	99.5 99.5	99.8 99.8	99.9 99.8	99.8 99.8	133.3	103.3	103.3 103.0	133*3
6E 1001	• 2	21.9	65.8	90.2	92.9	96.B	97.0	99-1	99.5	99.8	99.8	99.8	133.3	133.3	100.0	133.3
6E 01	• • • • • •	21.9	65.8	90.2	92.9	95.6	97.3	99.1	99.5	99.8	99.8	99.8	193.3	133.3	103.3	133*3

GEGBAL CLIMATOLOGY BRANCH USAFETAC AIN MEATHER SERVICEZMAC

SENTETIONS OF SETTING OF SECTIONS OF SETTING MESSOS MISTAILIN

STATION NUMBER: 616413 STATION WASE: DAKAR SENESAL PERIOD OF RECORD: 75-85
MONTH: MAY HOURS(LSII: DODD-D203

CEI	LING		• • • • • •	• • • • • • •	• • • • • • •			v151	311117	IN STAT	JIE 41L	<u> </u>	• • • • • • •		• • • • • •	• • • • • • •		•••
1	N ł	61	SE	G.E	Ь£	3 E	SE	G€	ડ ₹	3 €	35	5 £	GE	3 É	5.5	3 €	٦E	
FE	L1	13	t	5	•	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/15	1/4	3	
•••	• • • • •		· • • • • • •	• • • • • • •	• • • • • •		• • • • • •		•••••	• • • • • •	• • • • • •		• • • • • •		• • • • • •		• • • • • • •	• • •
										59.8	67.8	69.9	64.8	57.5	69.3	73.3	13.3	
NO	Cill		9.6	43.0	51.1	62.6	66.3	66.0	68.8	24.8	67.8	64.5	64.6	24.3	54.3	13.3	13.3	
ьf	200501		13.4	45.8	54.2	65.8	69.6	59.5	72.4	13.4	75.4	73.4	73.4	73.4	73.4	73.5	73.5	
6 F	160301		13.4	45.8	54.2	65.3	69.6	59.6	72.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	
υE	160301		13.4	45.8	54.2	65.3	69.6	69.6	72.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	
ĿΕ	140301		10.4	46.4	54.3	66.2	73.0	73.3	72.8	73.8	73.8	73.8	73.9	73.9	75.3	14.3	74.3	
Ŀŧ	150001		11-2	57.6	73.4	75.9	90.0	80.0	82.8	33.8	93.8	83.8	83.8	93.9	83.9	84.3	34.3	
	1 00 30 1		11.2	52.6	73.4	75.9	80.0	80.0	82.8	33.8	83.8	83.8	83.8	93.9	85.5	84.0	44.3	
υE	90301		11.2	52.t	73.4	75.9	93.3	33.3	82.8	33.5	93.8	53.8	83.8	83.3	83.8	84.3	3 )	
úξ	90.101		11.2	52.6	73.4	75.9	83.3	80.0	82.8	33.8	93.8	83.9	83.8	33.3	93.3	94.3	34.3	
6 F	70301		11.2	52.6	73.1	15.5	83.3	90.0	82.8	33.8	83.8	83.8	83.8	93.9	93.5	84.3	34.3	
6 E	P0301		11.2	52.6	13.4	75.B	83.3	80.0	82.8	33.8	93.8	83.8	B 3 . 8	93.9	93.3	84.)	34.3	
			••••	,,,,,			5575	••••	32.00					,				
G.F	50001	-	23.8	65.2	96.)	88.4	92.5	92.5	95.4	76.4	96.4	96.4	96.4	95.4	95.4	95.6	₹5.5	
υE	45301		23.6	65.2	95.1	88.4	92.5	92.5	95.4	96.4	95.4	96.4	96.4	95.4	95.4	95.5	75-5	
υE	40.00		23.8	65.2	96.1	89.4	92.5	92.5	95.4	95.4	95.4	96.4	96.4	95.4	75.+	95.5	75.5	
GE	35 30 [		23.8	65.2	96.3	88.4	92.5	92.5	95.4	95.4	95.4	96.4	96.4	95.4	95.4	95.5	95.5	
₽¥.	10701		23.8	65.7	96.1	88.4	92.5	92.5	95.4	75.4	95.4	76.4	96.4	95.4	95.4	95.5	75.5	
	25001		23.8	65.2	86.)	88.4	92.6	92.6	95.4	95.4	96.4	01 1	96.4	95.4	95.4	96.6	75.5	
ι.E G€	20161		23.6	65.2	96.)	89.4	22.5	₹2.5	95.4	35.4	95.4	96.4 96.4	96.4	95.4	95.4	95.5	95.5	
G E	10001		23.8	65.2	36.3	84.4	92.5	97.5	95.4	36.4	95.4	95.4	96.4	75.1	95.4	95.5	75.5	
úξ	1500		23.8	65.2	96.)	88.4	92.5	92.6	95.4	95.4	95.4	96.4	96.4	95.4	95.4	95.6	75.5	
GE	12-01		23.8	66.0	96.3	69.2	95.4	73.4	96.2	27.2	97.2	97.2	97.2	97.2	97.2	97.4	77.4	
***	*****			00.0	,,,,,	0,41	,,,,,		,,,,	****	,,,,,	, , , ,	,,,,,		, , <b>.</b> .			
i, F	10301		23.8	66.4	97.2	89.6	94.0	74.3	96.8	97.8	97.8	97.8	97.8	97.3	97.3	99.3	23.3	
üŧ	9001		23.8	66.4	97.2	89.9	94.3	94.7	96.8	₹7.8	97.9	97.9	97.8	77.5	77.9	98.3	23.3	
5F	6001		23.8	67.0	97.1	93.4	94.5	94.5	97.4	29.4	79.4	99.4	98.4	93.4	93.4	93.5	73.5	
61	7,101		23.8	67.2	93.)	93.5	94.9	34.8	97.5	₹8.6	99.6	99.6	98.6	93.5	99.5	99.9	99.3	
GE	6301		24.0	67.8	99.1	91.6	95.8	95.8	98.5	17.6	99.6	99.5	99.6	97.5	77.5	99.8	77.3	
			31. 2	4.1 6			01.0	25.0	20.4		02.4	00.4			/			
	5481		24.0	67.8	99.3	91.6	95.9	95.9	98.6	39.6	99.5	99.5	99.6	99.5	99.5	99.9	99.5	
'nΕ	4301		24.3	67.8	39.3	91.5	95.8	95.5	98.5	33.b	99.5		99.6	99.5	97.5	99.8		
υE	3,101		24.0	67.b	99.)	91.5	95.B	95.9	98.5	27.5	97.6	99.6 99.9	99.6 99.8	99.5	99.5	99.8 103.3	133.3	
i, f i, f	1001 5001		24.0	68.0	99.2	91.5	95.3	96.3 96.3	98.8 98.8	99.8 99.8	97.8 97.8	99.5		99.9	99.3	103.3	133.3	
19.7	1201		24.0	68.0	99.2	91.8	96.3		44.8	7 7 . H	44.8	77.5	99.8	99.8	77.3	107.1	111.1	
6£	0.1		24.0	68.0	99.2	91.8	96.0	95.J	98.8	77.8	99.8	99.5	99.8	99.8	99.3	103.3	133.3	
						<b></b>												

GLUBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

# PERCENTAGE FREUDINCH OF OCCUPATION OF CELLING WERSUS VISIBILITY FROM HOUGHLY DASERWATTONS

STA	TION NU	;##£ <b>?</b> ;	615417	STATE	ON NAME:	JAKA	R SEVES	L				GC1F35 HTWOH		75: 75 25LCH	-35 (LST):	4.1	
• • •	• • • • • •			• • • • • •	• • • • • • •	• • • • •	• • • • • • •								• • • • • •	• • • • • • •	
	LINS									IN STAT.							
	N L	1 D	3E 6	G E S	GE 4	G E	2 1/2	5 t	1 1/2	5E 1 174	J[ ]	GE 3/4	6E 5/5	3£ 1/2	51 5/15	5E 174	٤٤ (
			• • • • • •	• • • • • •					1 1/2				3/5				
N O	CEIL	• 0	21.6	44.9	51.1	58.7	61.3	51.4	64.7	35.4	65.8	65.9	55.9	55.2	55.7	65.5	55.3
 GΕ	200001	.1	25.3	51.5	65.3	66.8	69.5	69.5	73.1	13.8	74.1	74.2	74.5	74.5	74.9	74.9	75.3
GE	180301	- 1	25.3	51.5	55.3	65.9	59.5	59.5	73.1	13.8	74.1	74.2	74.3	74.5	74.7	74.9	75.3
ίŧ	16030	- 1	25.3	51.5	55.1	66.8	59.5	69.5	73.1	73.8	74.1	74.2	74.3	74.5	74.7	74.7	75.3
	14030	• 1	25.5	51.8	56.]	67.1	69.8	59.9	13.3	74.1	74.4	74.5	74.5	74.9	15.2	15.2	75.2
٠ŧ	150001	• 1	27.0	54.9	64.1	73.4	73.8	73.9	77.3	73.1	79.4	75.5	78.6	79.9	79.2	77.2	7 + . 3
 u E	100001	.1	27.1	54.9	69.3	71.3	73.9	74.0	77.4	78.2	78.5	78.5	78.6	73.9	79.2	79.2	79.3
GE	90301	• 1	27.1	54.9	59.3	71.3	73.9	74.3	77.4	19.2	78.5	74.5	78.5	73.9	77.2	19.2	79.3
LΕ	80301	- 1	27.1	54.9	69.3	71.)	73.9	74.7	77.4	79.2	19.5	79.5	78.5	73.9	79.2	77.2	77.3
ĹŁ	70301	- 1	27.1	54.9	69.5	71.0	73.9	74.3	77.4	18.2	13.5	78.5	78.5	73.7	7+.2	79.2	77.3
GE	60301	- 1	27.1	54.9	69.3	71.3	73.9	74.3	77.4	79.2	73.5	19.5	78.6	79.7	79.2	79.2	77.3
 G.E	50001	,-	41.7	69.5	94.4	85.6	. 88.5	88.6	92.0	<b>92.8</b>	93.1	95.1	93.2	73.5	75.3	93.9	23.2
ĿΕ	45301	- 1	41.7	69.5	34.4	85.5	88.5	38.5	92.0	92.8	93.1	93.1	93.2	93.5	93.3	93.8	93.9
GF	40301	. 1	41.7	69.5	84.4	85.6	88.5	99.6	92.3	₹2.8	93.1	93.2	93.3	93.5	93.7	93.7	74-3
GΕ	35001	- 1	41.7	69.5	84.4	85.5	83.5	99.6	92.3	92.9	93.1	93.2	93.5	+3.5	93.7	93.9	94.3
6 F	30.10	- 1	41.7	69.5	94.4	85.6	99.5	33.6	92.3	92.9	93.1	93.2	93.3	93.5	93.9	93.9	<b>?+•</b> 3
 i.	25001	,1-	41.7	69.5	94.4	85.6	. 88.5	88.5	92.0	92.8	93.1	93.2	93.3	93.5	93.9	93.9	24.3
ü٤	20701	• 1	41.7	69.7	94.5	85.9	88.8	99.7	92.3	93.1	93.4	93.5	93.6	+5.3	74.2	94.2	74.5
GE	18301	- 1	41.7	69.7	94.2	85.9	88.8	99.7	92.3	₹3.1	93.4	93.5	93.5	73.3	94.2	94.2	94.3
ĿΕ	1530	. 1	41.9	69.4	84.7	86.2	89.2	99.3	92.7	₹3.5	93.8	93.9	94.3	94.2	94.5	94.5	74.7
GΕ	12301	. 1	42-4	71.0	86.5	87.9	93.8	90.9	94.4	95.2	95.5	95.6	95.7	95.7	96.3	95.3	95.4
G.E	10301	.1	43.1	/2.1	87.7	89.2	92.2	92.2	95.7	₹6.5	95.8	96.9	97.3	97.3	97.5	97.5	77.7
üΕ	9301	- 1	43.1	72.1	87.1	89.2	92.2	32.2	95.7	95.5	95.8	95.9	97.0	97.3	97.5	97.5	97.7
G E	9701	. 1	43.1	12.3	88.2	89.5	92.5	92.5	96.1	96.9	91.2	97.3	97.4	¥7.5	93.3	99.3	93.1
ĿΕ	7001	- 1	43.1	72.4	98.3	89.5	92.5	92.7	96.2	97.0	97.3	97.4	97.5	97.7	93.1	99.1	93.2
GE	6701	. 1	43.3	73.1	89.?	93.5	93.5	93.5	97.1	77.9	93.2	99.3	98.4	₹3.5	99.0	99.3	99.1
υ£	5001	• 1	43.3	73.1	89.5	90.8	93.7	94.0	97.5	28.3	99.7	98.7	94.9	99.1	99.5	99.5	99.5
GΕ	4001	. 1	43.3	73.1	94.3	90.7	93.9	94.3	97.6	+8.4	99.8	98.9	99.3	99.3	97.5	49.6	99.7
Ģ.E	3001	• l	43.3	73.1	99.5	93.7	94.3	94.1	91.7	79.5	99.9	99.3	99.1	99.4	99.5	97.9	99.9
G E	2301	• 1	43.3	73.1	99.3	90.9	94.3	94.1	97.7	₹8.5	99.9	99.3	99.1	99.4	99.3	99.9	133.3
Ŀξ	1001	• 1	43.3	73.1	59.3	93.9	94.0	94.1	91.7	₹8.5	93.9	99.3	99.1	23.4	99.9	99.9	133.3
 6F	n (	. ı	43.3	73.1	99.5	99.9	94.3	94.1	97.7	98.5	99.9	99.3	99.1	y9.4	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 3537

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GLOGAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PERCENTAGE FREGUENCY OF OCCURRING, OF CELLING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

5 T A							₹ 5£ <b>V</b> £5					40414	OF REC	4375	CLSDi		133
CEI	t INS	• • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •			IN STAT			• • • • • • •	• • • • • •		•••••	
1	× 1	6E 10	3E 6	G E 5	GE.	SE 3	6E 2 1/2	S E	6E 1 1/2	SE	3E 1	GE 3/4	6E 5/*	SE 1/2	5E 5/15	GE 1/4	3E 3
• • •	• • • • • •		• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •			• • • • • • •			· · · · · · ·				
NO	CEIL I		16.7	44.8	56.	57.6	59.6	59.5	63.3	53.3	64.3	64.3	: .5	54.5	5++5	64.5	54.5
(, E	200001		19.2	51.5	54.3	65.5	51.5	67.5	71.4	71.4	72.4	72.4	72.7	72.7	72.9	72.9	12.3
úΕ	180701		19.2	51.5	64.3	65.5	57.5	67.5	71.4	71.4	72.4	72.4	72.7	12.7	72.1	17.7	12.7
G E	160301		19.2	51.5	64.1	65.5	51.5	57.5	71.4	71.4	72.4	72.4	72.7	72.7	72.3	12.9	72.7
٥Ł	10001	• 2	19.7	52.2	65.)	66.3	69.2	58.2	72.2	12.2	73.2	73.2	73.4	73.4	73.5	73.5	73.5
G.E	150301	• 2	23.1	54.7	58.7	69.5	71.4	71.4	75.4	75.4	75.4	76.4	76.6	75.5	75.3	75.9	70.3
υE	100001	. 2	23.7	54.7	58.7	69.5	71.4	71.4	75.4	75.4	76.4	76.4	76.6	75.5	75.3	15.9	75.3
G E	90301	. 2	20.7	54.7	58.7	69.5	71.4	71.4	75.4	75.4	75.4	76.4	76.6	75.5	75.3	75.3	75.3
GE	80301	• 2	23.1	54.7	58.7	69.5	71.4	71.4	75.4	75.4	75.4	75.4	76.5	15.5	75.3	75.9	75.3
GE	70341	• 2	23.7	54.1	66.1	69.5	71.4	71.4	75.4	75.4	75.4	76.4	76.5	75.5	75.5	75.3	75.3
61	60301	. 2	20.7	54.7	58.7	69.5	71.4	71.4	75.4	15.4	75.4	76.4	76.6	75.5	75.3	75.9	75.5
G E	Soant	•2	39.7	12.1	95.7	87.4	89.4	89.4	93.3	23.3	94.5	94.3	94.5	34.5	94.8	94.8	94.3
ĿΕ	45001	• 2	38.7	72.7	96.7	87.4	99.4	99.4	93.3	93.3	94.3	94.5	94.5	94.5	94.3	94.5	94.3
GE	40301	• 2	38.7	72.7	95.7	87.4	39.4	99.4	95.5	>3.5	94.5	94.3	94.6	94.5	74.3	94.8	74.3
GE	35301	• 2	39.7	72.1	96.7	87.4	89.4	89.4	93.3	93.3	94.3	94.3	94.5	94.5	94.3	94.5	91.3
UΕ	30001	• 2	38.7	72.7	85.7	87.4	99.4	89.4	93.5	₹3.3	94.3	94.3	94.6	94.5	94.3	94.3	74.3
GE	25001	. ?	18.7	12.1	96.7	87.4	87.4	89.4	93.3	23.3	94.3	94.3	94.6	94.5	94.3	94.8	74.3
6.6	20001	. ?	38.7	72.4	96.7	87.7	39.7	89.7	93.5	93.6	94.6	94.5	94.8	+4.9	95.1	95-1	75.1
6 E	1870	• 2	38.7	72.9	96.7	87.7	89.7	59.7	93.5	93.6	94.6	94.5	94.8	71.5	75.1	95.1	35.1
υE	1500	. ?	39.7	72.9	97.4	88.2	93.1	90.1	94.1	74.1	95.1	95.1	95.3	95.3	95.3	¥5.5	70.0
₽£	12301	• 5	38.9	74.4	99.4	90.1	92.1	92.1	96.1	76.1	97.0	97.3	97.3	97.3	91.5	97.5	77.5
GE	10301	• 2	39.2	75.4	90.4	91.1	93.1	93.1	97.0	97.3	93.3	98.3	98.5	99.5	93.3	99.9	73.3
GE	9301	• 2	39.2	75.4	93.4	91.1	93.1	93.1	97.3	97.3	99.3	99.3	98.5	99.5	99.3	99.8	73.3
ίE	1009	. 2	39.2	75.6	90.3	41.4	93.3	93.3	97.3	97.5	98.5	98.5	98.8	93.9	99.3	97.3	??.)
ĿΕ	1301	.2	39.2	75.6	93.>	91.4	93.3	93.3	97.3	97.5	93.5	99.5	98.8	93.3	77.3	99.7	77.3
G£	6001	• 5	39.4	76.4	91.4	92.1	94.1	94.1	98.0	₹5.3	99.5	99.3	99.5	99.5	99.3	99.9	77.3
6 E	soni	7	39.4	76.4	91.4	92.1	94.1	94.1	98.0	₹8.3	99.3	99.3	99.5	99.5	99.3	99.8	99.4
ÚΕ	4301	• 2	39.4	76.4	91.4	92.1	94.1	94.1	99.0	79.3	99.3	99.5	99.8	77.5	173.3	103.3	133.3
GΕ	3201	. 2	39.4	76.4	91.4	92.1	94.1	94.1	98.3	79.3	99.5	79.5	99.8	77.9	103.3	103.3	133.3
Ŀ£	2301	• 2	39.4	76.4	91.4	97.1	94.1	94.1	99.3	28.3	99.3	99.5	99.6	99.9	133.3	103.3	133.3
€	1701	• 2	39.4	76.4	91.4	97.1	94.1	74.1	94.0	33.3	99.3	99.5	39.8	77.9	133.3	193.3	133.3
u E	n I	-·· . ?	39.4	76.4	91.4	92.1	94.1	94.1	98.3	<b>≯8</b> - 3	99.3	99.5	99.8	99.9	103.3	103.3	133.3
• • •			• • • • • •	• • • • • •	• • • • • •		• • • • • • •										

GEOBAL CLIMATOLOGY BRANCH USAFETAC AIR WIATHER SER TCE/MAC

#### ESON HOUSEA DESERVATIONS SERCENTAGE ESCRIPTINGS OF OCCURSINGS OF CETTING ACAPTS ATRIBITITA

STATION NUMBER: 616410 STATION NAME: DAKAR SENESAL PERIOD OF RECORD: 75-35

HONTH: APR HOURS(LST): 1300-2000 VISIBILITY IN STATUTE MILES
GE GE GE GE
2 1 1/2 1 1/4 1 3/4 CEILINS SE SE 3 2 1/2 IN | GE FEET | 12 Gέ 3.6 ΞĒ 112 NO CELL I 33.9 45.9 53.7 57.4 57.6 62.2 54.8 61.1 52.2 62.2 62.4 53.7 53.7 63.7 53.7 100005 10 67.2 73.4 73.4 73.4 75.2 15.2 75.2 75.2 75.2 30.9 13.2 75.2 15.2 75.2 75.4 75.4 75.4 75.7 76.7 76.7 56.3 66.1 74.1 74.1 75.1 75.1 75.7 75.7 15.7 56.3 56.1 GE 160301 38.9 75.7 75.7 73.2 67.2 13.2 75.2 74.1 75.1 75.1 56.3 66.1 7J.2 67.2 54 140301 13.2 73.4 SE 120001 41.5 71.5 75.2 75.4 79.1 33.2 83.2 93.2 80.4 91.1 81.7 91.7 66 100001 41.5 59.8 59.8 75.4 75.4 75.4 75.4 79.1 79.1 79.1 71.5 75.2 75.2 90.4 80.4 90.4 80.2 83.2 83.2 80.2 31.1 91.1 91.7 81.7 81.7 31.7 90001 70.2 71.5 93.2 80.2 91.7 10000 41.5 59.8 73.2 71.5 75.2 33.2 91.7 31.7 93.2 91.1 81.7 70001 70.2 71.2 75.2 79.1 91.2 90.2 87.4 60301 41.5 59.6 75.4 70.2 83.2 31.1 31.7 33.2 74.8 74.8 95.2 95.2 95.2 95.2 95.4 95.4 95.4 95.4 50001 95.2 95.2 93.2 90.4 95.2 95.2 95.2 95.2 95.1 95.1 95.1 75.7 75.7 75.7 86.5 94.1 GE 45301 56.5 95.7 95.7 49301 35301 74.8 95.2 95.2 55.5 86.5 90.2 99.4 94.1 6E 56.5 95.2 86.5 93.2 93.4 94.1 25.1 95.7 95.7 30301 G F 25001 56.5 56.5 74.8 74.8 95.2 86.5 90.2 90.4 94.1 95.2 95.2 95.2 95.2 95.2 95.1 95.1 20001 85.2 95.2 85.7 86.5 85.5 87.0 90.2 95.2 95.4 96.7 95.7 95.7 74.8 90.4 94.1 75.2 75.7 95.2 95.2 95.7 95.4 95.7 95.7 95.7 18301 56.5 90.2 95.1 15001 74.8 95.5 56.5 90.7 10051 57.2 57.8 57.8 76.3 76.3 88.5 88.5 92.2 92.4 96.1 95.1 97.2 97.2 97.2 97.2 97.2 97.4 93.7 incol 87.2 87.2 99.3 93.3 93.7 99.7 93.7 9101 97.4 97.4 GF 8201 58.0 58.0 76.5 76.5 87.4 97.4 88.7 92.4 92.5 96.3 97.4 97.4 97.4 97.5 93.3 93.7 93.9 ;;.; 1001 72.4 92.6 95.3 95.9 6301 58.5 98.5 77.4 77.4 71.4 5001 58.5 58.5 93.5 89.5 93.3 93.5 91.2 98.3 98.5 98.3 98.5 99.3 98.5 98.5 98.7 99.1 99.8 49.3 103.3 ;;.; []] 3361 89.5 93.5 93.7 93.7 91.4 99.5 99.5 99.5 99.5 99.5 98.5 99.3 100.0 €.E 58.5 88.> 98.7 100.3 133.3 2001 133.3 ĿΕ 1001 59.5 98.5 69.5 93.5 93.7 97.4 29.5 99.5 98.5 98.7 99.5 133.3 100.0 133.3 91 43.7 98.5 98.7 UΕ 58.5 77.4 98.5 89.8 93.5 97.4 98.5 98.5 99.3 103.1 107.0 103.0

CLOBAL CLIMATOLOGY BRANCH AIR WEATHER SERVICE/MAC

PERCENTAGE FREGUENCY OF OCCURRENCE OF CETCING MERSON MISTATUTY FROM HOURLY DASERWAITONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL PERIOD OF RECORD: 75-85
MONTH: APR HOURS(LST): 1503-1703 VISIBILITY IN STATUTE MILES
GE GE GE GE GE
2 1 1/2 1 1/4 1 3/4 CEILINS. CFILING IN I GE FEET I ID GE GE 3: 5/15 3 E 1 / 4 5 1/2 6 . 5/8 ) 31.0 56.5 72.7 72.7 GE 200301 34.7 52.9 64.9 64.8 65.9 65.9 55.9 73.3 71.3 71.3 71.7 72.9 12.9 73.1 73.1 34.7 52.9 71.7 71.7 72.3 5E 180391 63.4 71.7 55.9 57.1 55.9 SE 160301 34.7 52.9 63.4 64.3 73.3 11.3 71.7 71.7 12.9 72.0 72.3 53.1 65.1 73.1 140301 34.9 53.1 73.5 71.5 72.3 72.2 73.1 73.5 PE 150301 74.9 74.9 74.9 74.9 100101 36 · 8 55.4 55.4 56.2 67.8 67.8 73.1 79.1 73.1 73.1 73.6 73.6 74.9 74.9 74.9 74.9 75.2 75.2 75.1 75.1 74.5 74.5 76.1 75.1 90301 75.3 GE 80001 70001 35 • 8 35 • 8 55.4 55.4 56.2 56.2 67.8 67.5 73.1 73.1 73.1 73.5 73.6 74.5 74.5 74.9 74.9 74.9 74.9 75.2 75.2 75.1 75.1 75.1 75.5 ίE 60301 36.8 55.4 67.8 70.1 57.9 76.6 76.6 97.4 89.3 89.3 89.3 91.3 91.3 91.3 91.3 91.3 91.3 94.7 94.7 94.7 75.6 95.6 95.6 95.1 95.1 95.1 95.1 95.1 95.1 96.1 96.1 96.1 95.3 95.3 95.3 95.3 91.2 91.2 91.2 91.2 91.2 97.2 97.5 97.5 รถาดีใ 57.9 76.6 37.4 97.2 97.2 6E 40501 96.1 77.5 35.6 11.5 76.6 91.3 94.7 96.1 ЬF 30001 57.9 76.6 97.4 89.3 91.3 94.7 75.5 96.1 96.1 95.3 97.2 57.9 95.3 96.8 95.9 97.2 97.7 97.7 87.4 97.5 91.3 91.7 ≱5.6 ⊋6.1 95.1 95.5 96.1 96.5 96.1 96.5 25.10 [ 76.6 89.3 91.3 94.7 91.2 77.5 10001 58.2 76.8 89.4 91.7 95.2 58.2 76.8 89.4 91.7 95.2 95.5 96.5 97.2 96.6 91.7 77.7 G€ 97.3 91.7 95.1 1530 ₽6.B 77.5 90.1 ьE 12301 58.6 98.3 92.3 96.3 97.2 97.7 97.7 99. 2 1000 1000 1000 58+6 58+6 11.5 11.5 98.3 98.3 93.1 1.00 92.9 92.9 92.9 92.9 96.3 96.3 97.2 97.2 97.7 97.7 97.7 97.7 97.7 97.9 93.7 99.9 99.9 99.L 5 E 90.3 99.1 6 E 58.6 77.7 98.5 93.1 93.1 96.6 97.5 97.9 97.9 91.9 73.2 99.1 99.5 99.3 6 E 7001 58.6 77.7 90.3 95.5 97.9 97.9 99.1 99.3 59.1 91.3 GE 6001 78.4 99.2 93.8 93.9 98.2 99.6 98.5 98.6 93.9 99.3 133.3 99.2 99.2 99.2 93.8 93.8 93.9 91.2 91.2 91.2 98.2 99.2 99.2 5001 78.4 93.8 93.8 93.9 98.5 98.5 98.5 6E 59.1 91.3 98.6 98.6 73.7 97.3 99.9 100.1 93.9 99.8 99.8 6E 59.1 59.1 78.4 78.4 91.3 99.5 99.5 133.3 4001 3001 99.9 97.2 GE GE 2001 59.1 79.4 89.2 91.3 93.8 98.2 98.5 98.5 93.9 99.5 1111-1 1301 59.1 78.4 89.2 91.0 93.8 93.9 98.2 99.6 98.6 98.5 93.9 99.3 99.9 100.0 91.3 93.8 97.2 78.4 93.6 98.2 99.6 98.6 98.6 93.7 97.3 97.9 100.0

GLOSAL CLIMATOLOGY SRAVEH ATH WEATHER SERVICE/MAC

#### PROMEMBER FREEDLINGS OF OCCURRENCE OF BEILLING NERSONS VISIBILITY

2E3100 OF RECORD: 75-85 MONTH: APR HOURS(EST): 1200-1+00 STATION NUMBER: 615413 STATION NATE: DAKAR SENEGAL CETLINS SELLE SILIALS NE ALLIELSEA IN | GE FEET | 1234 51 GE 5 GE GE 3 2 1/2 GE GT GE 2 1 1/2 1 1/4 3 £ GE GΕ 3.6 5.5 Şξ 5/15 5/8 1/2 13 1/4 NO CETE 1 . 2 29.6 46.2 54.4 55.3 57.3 57.5 61.1 51.9 62.2 62.4 62.4 b3.1 53.7 63.7 74.5 74.6 74.6 55.; 65.; 55.; 66.8 66.8 69.2 69.2 75.2 75.2 75.2 75. 75. 75. 56.U 56.L 73.2 74.1 75.9 J. 200391 15.4 59.5 74.3 74.6 .... 35.4 69.5 74.1 74.1 74.3 74.6 75.9 18630 73.2 73.2 75.9 01 160301 56.J 79.8 140101 72.3 120101 37.6 58.6 59.7 70.1 72.6 .2 37.6 37.6 37.6 72.8 72.8 72.9 72.9 77.7 77.7 77.7 77.9 77.9 77.9 73.5 73.5 73.5 19.2 79.2 19.2 19.2 19.2 58.6 58.6 59.2 69.2 73.1 73.1 72.6 72.6 77.9 ** T00701 76.5 77.4 80701 19506 77.9 77.9 19.4 58.6 64.2 77.1 72.5 76.5 79.2 77.7 78.5 73.5 70301 37.6 58.6 59.3 72.5 76.5 77.4 77.7 77.9 19.2 60301 37.6 G.E 58.6 64.2 73.1 76.5 73.2 73.7 73.7 73.7 92.5 92.5 92.5 92.5 93.5 93.5 93.5 87.5 87.5 97.9 97.9 97.9 94.2 94.2 94.2 94.; 94.; 94.; GE 50001 85.2 91.6 92.9 92.9 94.2 .2 52.1 52.1 84.3 85.2 91.6 91.5 92.7 92.7 92.9 92.9 94.2 45381 40301 94.3 93.5 15 3 3 1 52.7 73.7 85.2 87.5 87.9 91.6 92.7 92.9 92.9 30.001 52.7 73.9 88.1 89.7 99.7 91.8 92.5 92.5 92.7 93.4 93.4 92.9 93.6 93.6 93.1 93.8 93.9 93.3 94.5 94.5 94.5 95.1 84.5 94.5 52.7 87.8 93.8 95.1 95.1 20001 . 2 74.1 86.1 1830 74.1 94.7 86.1 58.5 95.1 75-1 89.4 95.4 87.2 L.F 15.101 53.5 74.8 86.7 99.2 93.1 94.0 94.2 94.5 94.5 75.1 .2 77.9 77.9 92.3 97.1 97.1 97.5 99.1 6 E toupt 55.6 89.9 92.5 96.2 97.3 97.3 97.8 77.1 96.5 89.8 97.8 93.5 99.1 9001 55.8 97.1 8301 7301 55.8 55.6 77.9 77.9 93.3 92.7 92.9 96.7 95.7 97.5 97.5 97.9 97.8 98.J 99.J 98.2 73.7 73.7 99.5 99.6 99.5 98.7 6301 56.0 **93.7** 93.4 97.1 23.3 93.2 98.7 133.3 100.0 97.1 97.1 97.1 97.1 93.2 93.2 93.2 98.5 98.5 98.5 98.5 5001 . 2 55.0 78.3 78.3 97.4 90.7 93.1 93.1 93.4 98.0 98.0 98.7 98.7 133.3 103.3 4301 56.0 99.3 . 2 133. 93.7 ( F 1001 . 2 56.0 78.3 39.4 95.1 93.4 23.3 98.7 33.4 133.3 100.0 111. 2301 78.3 93.2 100.0 100.0 84.4 ίĒ 1301 . 2 56.0 78.3 99.4 99.7 93.1 93.4 97.1 28.3 93.2 98.5 98.7 99.3 100.0 100.0 133.3 - 01 . 2 GE 56.0 78.3 99.4 93.7 93.1 93.4 97.1 98.0 99.2 98.5 98.7 99.3 100.0 100.0 100.0

GLOBAL (L'MATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### PERCENTAGE FREQUENCY OF OCCUPERCOSE OF CLICING WIRES BEARING OF CHICAN WIRESELD OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS OF CONTRACTORS O

PER100 OF RECORDS \$5-85 STATION NUMBER: 61641) STATION NAME: DAKAR SENESAL 43957(*211: 3533-1133 VISIBILITY IN STATUTE MILES CETEINS 1N 1 6E FEET 1 10 6E SE SE 578 172 5715 1N | 6E DE DE DE DE DE DE DE DE DE DE FEET | 10 0 5 4 3 2 1/2 2 1 1/2 1 1/4 5: 1/4 53.8 55.8 NO CETA 1 25.6 59.7 51.4 52.1 55.7 57.1 57.1 57.1 57.3 5/.5 57.5 36.6 46.0 46.0 46.0 62.3 54.9 54.9 54.9 65.3 55.3 65.3 6F 200301 21.8 59.7 63.4 62.0 55.3 65.3 65.3 55.5 65.5 55.6 65.3 65.3 66.3 uf 160001 60.4 62.0 63.9 65.3 65.3 53.5 65.3 21.8 59.7 62.0 63.9 67 142 101 24.1 46.7 50.3 60.5 52.1 62.3 64.2 55.1 65.6 55.3 12.4 13.2 50.7 66.5 71.5 71.5 71.5 50.9 70.5 55.> 66.7 72.5 72.5 72.5 72.5 C.E 90301 50.4 511.9 55.2 66.7 68.6 68.6 71.9 71.9 71.9 71.9 12.2 72.5 13.4 53.9 59.5 70.5 71.9 71.5 71.5 70331 33.4 50.9 55.5 66.7 58.6 58.6 73.5 71.9 71.9 71.4 17.7 12.5 91.7 91.7 92.3 92.3 92.5 92.5 92.1 92.5 92.5 92.1 50.2 10.8 10.8 90.3 91.7 91.7 92.3 50001 85.4 86.5 91.3 91.3 )2.1 )2.1 88.4 88.7 39.7 86.6 88.4 υt 450n1 40371 50.2 71.0 93.6 91.5 91.5 92.0 92.3 92.2 35001 35.3 33.7 93.6 92.3 92.3 92.2 +2.1 86.4 72.1 ūξ 25001 50.2 50.2 71.0 71.2 71.2 95.3 85.3 86.8 89.7 89.7 88.9 93.6 93.8 91.5 92.D 92.2 92.3 92.2 92.3 92.2 92.2 92.5 92.2 92.7 92.7 4.54 42.9 93.2 ;;.; ;3.2 20001 50.2 50.2 87.3 87.3 99.9 99.2 39.7 90.8 91.0 91.7 92.0 92.2 92.5 92.2 92.5 92.5 16701 95.3 92.9 25.2 96.1 93.2 G,F 12001 51.9 74.1 38.7 89.9 91.7 91.7 93.6 34.6 95.0 95.3 95.3 95.9 10304 52.6 52.6 75.7 91.7 91.7 93.9 93.9 91.0 97.2 91.2 97.2 37.4 31.3 97.9 73.1 90.3 95.A 25.7 9001 15.1 90.3 96.7 97.6 97.2 97.4 97.9 73.1 800 l 700 l 15.4 94.5 95.3 34.9 6.5 52.6 91.3 92.7 96.7 99.1 99.1 93.3 99.9 u F 6301 52.8 76.2 91.7 93.2 95.3 95.3 91.2 79.1 98.6 98.6 99.3 sun1 52.8 76.2 76.2 92.3 92.3 93.4 93.4 95.8 95.8 95.8 95.8 95.9 95.9 98.6 98.5 99.1 99.1 99.1 99.1 99.3 97.3 97.8 99.8 133.3 97.6 99.1 99.1 4301 16.2 95.8 91.8 99.1 97.9 1.1 3001 52.8 92.1 93.4 97.6 98.6 99.1 99.3 99.5 100.0 G.E thora 52.8 76.2 92.1 91.4 95. R 35.8 97.6 29.6 93.1 99.1 99.1 22.1 22.4 97.R 133.3 3.1 52.8 υE 76.2 92.1 93.4 95.4 97.6 39.6 99.1 99.1 99.1 99.3 99.3 99.8 133.3

GLOBAL CLIMATOLOGY HRANCH

PERCENTAGE FREQUENCY OF DOCURRENCE OF CETCING VERSUS VISIBILITY
FROM HOURLY DISERVATIONS

STATION NUMBER: 615413 STATION NAME: DAKAR SENEGAL PERIOD OF RECORD: 75-35 HONTH: APR HOLDER 43485(ESTF: 3503-3433 . . . . . . . . . . . . . . . . STILE STRIBLE NI ALITIEISIA CEILING CELLING IN | GE FLET | 10 GE G: GE GE GE GE G 11: 54. 35 1 SE SE SE 2 1 1/4 5£ 3/4 1/2 5/15 5/6 NO CETE 1 12.9 42.6 50.3 61.8 55.3 67.4 69.7 59.7 57.7 69.7 6E 200301 71.3 71.8 71.9 71.9 75.5 75.5 75.5 16.2 15.2 75.2 75.2 76.4 76.4 75.4 75.4 14.8 48.0 69.1 75.4 56.3 76.4 75.4 66 160001 14.8 48.0 56.5 68.1 71.8 71.9 76.2 75.2 76.4 15.1 72.1 75.5 32.1 UE 140001 48.3 56.3 69.3 72.1 75.8 15.4 75.4 75.5 75.5 75.5 15.5 GE 12030 72.1 72.1 77.5 17.5 81.2 81.2 92.1 82.1 92.1 PE 100301 52.4 73.5 73.5 77.5 77.5 11.9 92.1 8 ? • 1 52.4 91.9 82.1 92.1 82.1 IJΕ 90001 16.6 31.9 32.1 ត់លី១<u>៣</u>៖ 52.4 72.1 72.1 73.6 13.5 71.5 71.5 17.5 17.5 81.2 81.2 31.9 81.9 81.9 ĿΕ 16.6 82.1 32.1 92.1 82.1 10701 16.6 82.1 82.1 92.1 32.1 87.1 GΕ 60001 16.6 52.4 72.1 73.6 77.5 77.5 81.2 82.1 32.L 82.1 91.2 91.2 91.2 91.0 91.0 91.0 91.0 91.3 91.0 91.3 91.3 91.3 91.3 91.3 91.3 93.4 50.301 25.8 61.6 82.9 35.7 91.3 91.3 91.1 45301 82.8 96.7 25.8 61.6 91.5 91.3 85.7 91.3 25.8 86.7 ٤ŧ 90.4 91.3 91.3 91.5 91.3 91.3 35 10 1 30 J D 1 25.8 61.6 91.2 82.9 85.7 35.7 93.4 11.0 91.0 91.3 91.3 91.3 91.5 91.3 25.8 91.2 91.2 81.2 82.8 82.8 36.7 85.7 35.7 9J.4 9J.4 9D.4 91.0 91.0 91.0 91.0 91.0 91.3 91.3 91.3 91.3 91.3 91.3 91.3 25001 61.6 ⊍F UE 85.7 91.3 91.3 25.8 61.6 86.7 91.3 20301 18001 91.3 6 E 91.3 15301 25.8 93.4 91.0 91.0 12391 92.8 ЬF 26.0 62.2 92.3 84.3 88.2 99.2 91.9 32.6 92.5 92.8 72.3 72.3 42.3 6E 26.4 1000] 93.8 90.5 95.2 64.U 85.4 86.9 94.5 95.4 95.4 75.4 95.4 95.2 95.6 95.9 97.2 1008 26.4 64.U 95.4 86.9 90.8 90.8 94.5 95.0 95.2 95.6 95.4 95.9 95.4 95.4 95.4 95.4 L E 6 E 26.6 96.1 7301 64.4 91.5 6301 65.5 92.6 5301 26.9 26.9 26.9 90.0 93.9 98.0 99.9 99.1 99.1 99.1 99.1 99.1 99.1 99.6 99.1 99.1 99.3 98.4 43.1 65.9 58.4 93.9 98.J 99.7 uan i 3101 93.3 99.3 99.7 99.1 99.3 99.6 2391 26.9 65.9 98. + 99.3 93.9 93.9 99.0 29.7 99.1 99.3 94.6 27.5 93.9 1301 90.0 27.5 99.8 98.4 94.5 nı 99.3 26.9 65.4 88.4 90.0 98.3 99.5 99.5

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

1

#### PITALETRI RURREN GALLETTE OF SCHIFFELDE AC YSMULGEFF BLATMEDFFC ROTTAMBERC YURUCH MORE

STATION NUMBER: 616413 STATION NAME: DAKAR SÉNÉJAL PERIOD OF RECORD: 75-85 CCES-ELLS : ITANA HOURS (LST): 21JO-2370 VISIBILITY IN STATUTE MILES CEILINS 3 E 1 Sr St 35 3 2 1/2 SE SE SE 2 1 1/2 1 1/4 1/2 3/5 59.2 NO CETE I 10.7 39.1 52.2 54.7 58.7 61.8 52.3 62.3 62.5 62.7 52.7 62.1 62.7 52. 55.8 65.8 55.9 11.8 58.5 58.5 58.5 55.3 55.3 55.3 65.3 65.3 66.5 56.5 66.5 66.7 56.7 56.7 55.1 55.1 55.1 65.7 65.7 66.7 41.5 52.1 53.2 33.0 GE ZOBURT 55.3 55.1 OF 180301 11.8 41.5 55.1 52.1 63.2 53.2 55.7 55 • 7 67 • 2 55. 57. 140001 12.1 42.0 56.3 63.2 63.6 67.3 67.2 73.2 73.7 GE 120301 . 2 12.5 48.4 55.1 69.3 11. 48.4 48.4 48.4 73.7 71.5 77.5 71.5 UE 100001 12.5 55.1 69.3 73.2 75.6 77.0 77.3 17.2 71.5 11.5 17.5 11.5 11.5 11.5 73.7 73.7 13.7 13.7 77.5 17.5 17.5 77.5 90001 •2 12.5 55.3 69.3 73.2 73.2 75.6 76.6 11.0 11.3 17.2 11.1 11. 80001 7000 t 12.5 48.4 55.3 69.0 73.2 73.2 11.0 77.3 71.2 17.1 60301 12.5 48.4 85.9 86.8 86.9 94.4 94.4 95.1 95.1 95.1 50001 93.1 91.5 91.5 94.9 94.9 94.9 95.5 95.3 95.3 93.3 95.3 95.5 95.5 30.4 66.3 95.3 45.001 • 2 30.4 66.3 93.1 71.1 75. 95.3 91.5 94.4 34.9 94.9 40001 30.4 66.3 91.1 95.5 95.5 83.1 93.1 95.1 35 401 . 7 30.4 66.3 86.4 91.1 91.5 94.4 24.9 94.9 95.3 95.1 91.5 56.3 91.1 94.4 95.3 95.3 95.3 95.3 95.3 95.3 50.4 85.9 91.5 95.1 95.1 95.3 95.3 95.5 •2 93.7 66.3 86.9 91.5 14.9 94.9 ti E 10005 33.4 91.1 75. 14301 15501 30.4 91.5 94.4 94.9 95.3 94.9 95.1 95.3 **;** ; . 87.1 95.3 95.3 6 t 66.5 91.3 12301 12421 • ? 30.4 68.5 69.5 95.) 95.) 89.3 93.5 93.5 94.3 94.3 97.1 97.1 11.5 11.5 97.5 97.9 93.3 93.2 93.4 93.4 9301 98.3 23. 94.7 95.3 auni 7udi 30.8 30.8 69.2 97.2 90.5 94.4 98.J 98.4 73.4 78.9 93.4 93.9 99.1 98.9 99.9 99.1 99.3 G.E 6301 . 2 33.8 69.9 97.5 99.5 15.5 37.1 99.1 99.6 100.0 100. 97.5 97.5 97.5 97.5 30.8 30.8 95.5 95.5 95.5 95.5 69.9 69.9 70.8 90.8 95.1 95.1 98.7 95.7 99.1 99.1 99.3 99.5 99.5 99.3 103.3 133. 5001 27.1 4301 3301 47.8 95.1 95.1 27.1 99.1 99.3 99.b 99.b 99.5 99.3 G.E • 2 13.8 69.4 93.7 133.3 100. 2301 103.3 1.5 1.101 . 2 17.8 69.4 97.3 99.9 95.1 95.5 99.7 J 9 . 1 99.1 1.00 99.5 33.5 99.3 100.0 133. 30.8 69.9 87.5 93.9 94.7 17.1 99.3 99.5 L.F ti t . 2 95.1 ₹5.5 99.1 99.5 99.4 103.3 133.

GEOGAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PERCENTAGE FREUJENCY OF DECURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DISERVATIONS

5 1 A I	ION	(UMSL 7 :	616417	STATIO	ON NATE:	3 4 4 A	R SENESA	L				DCIFIC	OF REC		-35 (LST):	ALL	
									. <b></b>				• • • •				
CEIL	185							v 1 S 1	BILITY	IN STAT	JIE MIL	E S					
IN	ı	GE	٥٤	GE	GE	SE	Şέ	SΕ	GΕ	3 Ł	3 5	GΕ	GE	ΞĒ	3 E	5 i.	
FEŁ	. 1	10	6	5	•	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/15	1/4	
• • • •	• • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • •	• • • • • • • •	• • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • •		• • • • • • •	• • •
NO 0	EIL	٥ - ١	16.7	40.1	51.3	53.8	55.7	57.3	58.8	59.5	59.6	59.7	59.8	57.7	59.9	63.3	5
	0000		16.9	45.2	58.7	60.9	64.1	54.5	56.5	57.2	67.4	57.5	67.5	57.7	57.7	67.7	5
	8000		19.9	45.2	58.7	60.9	54.1	64.5	65.5	57.2	57.4	57.5	67.5	57.7	57.7	67.7	>
	6030		18.9	45.2	58.7	60.9	64.2	64.5	66.5	57.2	67.4	67.5	67.5	57.7	57.7	67.5	5
	4000		18.9	45.5	59.1	61.2	64.6	54.9	67.0	57.6	67.8	67.9	68.3	59.1	63.1	63.2	5
66 1	5000	. 1	21.0	51.9	58.1	73.7	74.4	74.9	77.1	77.7	73.0	79.3	78.1	73.3	79.3	79.3	7
66. 1	0000	. 1	21.0	51.9	58.2	73.7	74.4	74.5	77.1	11.9	73.0	79.1	78.1	79.3	73.3	79-4	7
	9030		51.0	51.9	68.3	73.7	74.4	74.8	77.1	77.8	73.0	78.1	78.1	73.3	73.5	79.4	7
	8030		51.0	51.9	58.2	70.7	74.4	74.8	77.1	77.9	79.0	79.1	78.1	73.3	79.3	78.4	7
	1000		21.0	51.9	68.3	10.7	74.4	74.8	77.1	77.8	79.0	79.1	78.1	73.3	73.3	79.4	7
CE	6030	. 1	21.0	51.9	58.2	73.7	74.4	74.9	77.1	77.9	79.0	74.1	78.1	73.3	13.3	79.4	7
	5000		37.9	68.9	85.1	87.7	91.3	91.9	94.1	34.7	94.9	95.3	95.3	95.2	95.2	95.3	,
	4530		37.9	68.9	95.1	87.7	91.3	91.5	94.1	94.7	94.9	95.0	95.3	95.2	95.2	95.3	9
	4010		37.9	68.9	95.1	87.7	91.3	71.9	94.1	94.7	94.9	95.3	95.0	95.2	95.2	95.3	9
ьE	3500		37.9	68.9	85.L	87.7	91.3	91.8	94.1	94.7	94.9	95.3	95.0	95.2	95.2	95.3	9
ιĒ	1730	- 1	37.9	68.9	95.1	57.7	91.3	91.5	94.1	94.7	94.9	95.3	95.3	95.2	95.2	45.3	,
GΕ	2500		37.9	68.9	95.1	87.7	91.3	91.9	94.1	94.7	94.9	95.3	75.0	95.2	95.2	95.3	9
GE	2000	. 1	37.9	68.9	95.1	87.1	91.3	91.9	94.1	74.7	94.9	95.3	95.3	95.2	95.2	95.3	9
ψŁ	1830	. 1	37.9	68.9	35.1	87.7	91.3	91.8	94.1	94.7	94.9	95.3	95.0	95.2	95.2	95.3	7
(, E	1500	. 1	38.1	69.1	85.3	87.9	91.6	92.0	94.3	₹5.0	95.2	95.3	95.3	95.5	95.5	45.6	•
üΕ	1530	. 1	39.3	70.2	96.5	89.1	92.9	93.2	95.5	₹5.2	95.4	96.5	96.5	95.7	75.7	95.8	3
56	1000	1	38.7	71.3	97.,	93.3	94.0	94.5	96.8	97.4	97.6	97.7	97.8	23.3	93.3	99.1	,
üΕ	930	. 1	38.7	71.3	97.7	93.4	94.0	94.5	96.5	77.4	97.7	97.7	97.B	99.3	98.1	99.1	7
6€	8 J B	. 1	39.9	72.0	94.4	91.2	94.9	95.3	97.7	₹8.3	99.5	99.5	98.5	93.9	93.7	99.3	7
G F	7.10		39.0	12.2	38.3	91.4	95.1	95.5	97.9	₹8.5	98.7	98.8	98.9	77.1	94.1	97.2	•
L.F	630	. 1	39.1	72.7	33.5	35.7	95.7	96.1	98.4	99.1	99.3	99.4	99.4	99.5	99.7	99.9	9
GE	500	.1	39.1	72.7	34.3	92.3	95.7	95.2	98.5	99.2	99.4	99.5	99.5	22.9	99.3	99.9	,
υE	4 10		39.1	72.1	97.5	95.0	95.7	95.2	98.5	99.2	97.4	99.5	94.6	99.B	99.3	99.9	7
G E	, 10		39.1	72.7	99.5	92.3	95.7	96.2	98.6	99.3	97.5	99.5	99.5	99.3	97.7	47.7	7
θE	230		39.1	72.7	99.3	92-1	95.8	96.2	98.6	99.3	99.5	19.5	99.6	99.9	99.9	103.3	13
(,E	130	. 1	39.1	72.7	99.3	92.1	95.8	96.2	98.5	29.3	99.5	99.5	99.5	?? <b>.</b> 9	99.9	103.0	1 3
υ£	n	. 1	39.1	72.7	99.5	92.1	95.8	96.2	98.5	99.3	99.5	99.5	99.5	99.3	99.9	103.3	13
υ£	n	- 1	39.1	72.7	99.5	92.1	95.8	96.2	98.5	99.3	99.5	99.5	99.5	99.3	99.9	103.3	3

# UEGHAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY USAFETAC FROM HOURLY DBSERVATIONS.

A T &			616413	51411			R SENEGA					HONTH	: JUN		(121):	מיני-מיני
(11	LINS		•••••		• • • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •			IN STAT			• • • • • • •		• • • • • • •	• • • • • • • •
1 F E	N I ET I	10	5E U	6£ 5	υΕ •	SE 3	2 1 / 2 2 1 / 2	G E	3E 1 1/2	3E 1 1/4	3E 1	5£ 3/4	6E 5/8	3E 1/2	3E 5/15	3£ 1/4
N 0	CLIL		18.9	45.7	49.3	49.8	51.1	51.1	51.8	51.9	51.8	51.9	51.8	51.3	51.3	51.8
	500701	-	20.8	51.4	55.3	55.7	57.3	57.3	58.0	58.0	53.0	59.0	58.3	59.0	53.3	59.3
	180001		20.B	51.4	55.3	55.7	57.3	57.3	59.0	53.0	53.0	58.3	58.3	59.3	53.3	58.3
	160301		20.8 21.2	51.4 51.4	55.3 55.7	55.7	57.3 58.3	58.0	58.0 58.7	58.0 58.7	53.0 59.7	58.5 58.7	58.3 58.7	59.7 59.7	53.J 53.7	53.3 58. <i>1</i>
	120301		24.9	63.5	59.7	73.8	72.8	72.8	73.7	13.7	73.7	73.7	73.7	73.7	73.7	13.1
O.L	120301		24.7	0 ) • 1	37.7	13.5		12.5	73.1		73.1	, , , ,	13.1	1,,,,	,,,,,	, , , , ,
G.F	100301		24.9	63.5	59.3	70.3	72.8	72.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
5 E	90301		24.9	63.5	69.3	73.8	72.9	72.5	73.7	73.7	73.7	73.7	73.7	13.7	73.7	73.7
ů.E	1000		24.9	63.5	69.7	73.9	72.8	72.8	73.7	73.7	73.7	73.7	73.7	73.7	75.7	73.7
üΕ	70001		24.9	63.5	69.7	13.8	72.8	72.8	13.7	73.7	73.7	73.7	73.7	73.7	73.7	13.1
GΕ	60301		24.9	63.5	59.3	73.9	72.8	72.9	73.7	73.7	73.7	73.7	73.7	73.7	73.1	13.7
_			12.		_											
6.5	50311		33.1	71.7	78.1	19.3	81.1	81-1	82.0	32.0	82.0	82.3	92.3	82.3	82.3	82.3
G€ GE	45301 40301		33.1	71.7	78.1	79.3	91.1 81.1	81.1	82.0	32.0	82.0 62.0	92.0	82.3	92.3	92.3	87.3
U.E.	35301		33.1	71.7	78.1 78.1	79.3	.81.1	31.1	82.0	82.0 32.0	82.0	82.0 92.0	82.3 82.0	52.) 82.)	92.3 92.3	82.J
ti E	30301		33.1	72.1	76.5	19.5	91.5	91.5	82.4	92.4	82.4	82.4	82.4	97.4	92.4	82.4
.,,	30301		,,,,,			,,,,	3	,		,,,,,	01.				,,,,,	01.4
6 E	25 JOT		33.1	72.1	78.2	79.5	81.5	81.5	82.4	32.4	82.4	82.4	82.4	82.4	82.4	82.4
(, E	20301		33.1	72.1	78.5	79.5	41.5	81.5	82.4	32.4	92.4	82.4	82.4	32.4	92.4	82.4
ls E	1830		33.1	72.1	78.5	79.5	81.5	81.5	82.4	32.4	82.4	82.4	B 2 . 4	32.4	92.4	82.4
υE	1530 (		34.5	74.9	B1.3	82.2	84.2	84.2	85.2	35.2	95.2	85.2	95.2	95.2	95.2	85.2
υE	15701		36+8	81.3	99.1	89.5	91.3	91.3	92.2	35.5	92.2	35.5	92.2	92.2	92.2	92.2
GE	10001		39.7	87.0	94.1	95.9	97.9	97.9	98.9	23.9	99.9	98.9	98.9	93.7	93.7	98.9
G.F.	9,101		39.7	87.0	94.7	95.9	97.9	97.9	98.9	.8.9	93.9	99.9	98.9	93.9	93.7	99.9
(, E	1008		40.2	87.9	75.7	96.9	98.9	98.9	99.8	99.B	99.6	99.8	99.3	99.5	99.3	99.3
üΕ	7001		40.2	87.9	95.7	96.8	93.9	98.9	99.8	99.8	99.8	99.6	99.8	99.3	99.9	99.8
٥E	6301		43.2	87.9	75.1	96.3	99.9	98.9	99.8	99.8	99.9	99.5	99.4	PP.3	77.3	49.3
G F	5001			87.9	95.7	04 0	93.7	99.9	99.8	99.8	97.8	99.5	99.8	99.3	99.3	99.9
ս է Մ	430		40.2 43.2	87.9	95.7	96.8 96.8	75.7	99.9	99.8	37.8	97.8	99.8	99.8	77.3	99.9	99.8
6.6	3001		43.2	87.9	95.1	96.8	18.9	98.9	99.8	99.8	97.8	99.8	99.8	97.3	99.3	99.9
υE	2301		40.2	87.9	95.7	96.9	93.7	94.9	99.8	99.8	97.8	99.8	99.8	77.9	99.9	97.8
GE	1001		43.2	87.9	95.1	96.8	93.9	19.7	99.9	99.8	99.8	99.9	99.8	97.3	99.3	99.8
υŁ			43.2	87.9	95.7	96.5	93.9	98.9	99.8	99.8	93.8	99.8	99.8	99.3	99.3	99.8

GEOBAL CEIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## PERCENTAGE FREDUCTION OF DOCUMENTED OF OFFICING VERSUS VISIBILITY FROM HOUSENVALUEDUS

		-					R SÉNCSA					HIVCF	OF REC	43752	tist):	3303-05	
	L I N 3	• • • • • •	•••••			• • • • • •	• • • • • • • • • • • • • • • • • • • •			IN STAT			•••••	• • • • • • •	• • • • • •		••
ī		GE	38	G£	SE	SE	<b>5</b> E	G.E.	35	3 E	3.5	GE	G٤	3 £	3 :	3.5	
	E T	19	L	5	•		2 1/2		1 1/2		1	3/4	5/8	1/2	5/15	1/4	
•••	• • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •		••
N O	CEIL	. 3	19.6	46.0	50.3	53.9	52.3	52.3	52.8	52.8	52.8	52.3	52.8	52.8	52.3	52.9	
υŁ	100005	. 3	21.0	49.7	54.3	55.1	55.8	56.9	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	
GΕ	100001	. 3	21.0	49.7	54.3	55.1	55.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	
٥Ł	160001	. 3	51.0	49.7	54.3	55.1	56.8	56.9	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	
ÜΕ	100001	. 3	21.0	50.3	55.7	56.0	57.7	57.7	58.2	59.2	59.2	55.2	58.2	53.7	59.2	59.2	
GΕ	120301	• 3	25.9	62.8	59.3	69.6	71.9	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	
G.F	100001		25.9	63.4	69.)	13.2	72.4	72.4	73.0	13.0	73.3	73.3	73.0	75.3	73.3	73.3	
GE	90301	. 3	25.9	63.4	59.3	70.2	72.4	72.4	73.0	73.0	73.0	73.3	73.0	73.3	73.3	73.3	
üΕ	80301	. 3	25.9	63.4	59.	70.2	72.6	72.4	73.3	73.0	73.0	73.0	73.3	13.3	73.3	73.3	
6E	10001	. 3	25.9	63.4	69.9	70.2	72.4	72.4	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	
Ú E.	60301	. 3	25.9	63.4	59.7	73.2	72.4	72.4	73.3	73.0	73.0	73.3	73.3	73.3	73.3	73.3	
6 E	500pl	3	32.1	69.6	76.1	76.4	75.7	78.7	79.5	79.3	79.3	79.3	79.3	77.3	79.3	79.3	
G.E	45001	. 3	32.1	69.6	76.1	76.4	78.7	78.7	79.3	79.3	79.3	79.3	79.3	77.3	79.3	79.3	
ÚΕ	40301	. 3	52 - 1	69.6	76.1	76.4	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.5	
úΕ	35001	. 3	32.1	69.6	10.1	76.4	78.7	78.7	79.3	79.3	79.3	79.3	79.3	77.3	77.3	79.3	
٥E	3000 l	• 3	32 - 1	69.6	76.1	76.4	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	
ĿΕ	25301	. 3	32.1	69.6	76.1	76.4	75.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	77.3	79.3	
G E	20001	. 3	32 - 1	69.6	76.1	76.4	75.7	78.7	79.5	79.3	79.3	79.3	79.3	79.3	79.3	79.5	
ĿΕ	18301	. 3	32 - 1	69.6	76.1	76.4	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.5	79.3	
٦E	15331	. 3	33.8	73.4	79.3	79.8	92.1	82.1	82.7	82.7	82.7	87.7	82.7	52.7	92.7	82.7	
ĞΕ	1500	. 3	36.1	79.3	86.5	86.4	89.2	87.7	99.9	37.8	99.8	97.9	89.8	37.3	99.3	57.9	
űŁ.	10301	. 3	39.5	87.2	95.5	95.7	98.3	99.0	99.5	79.6	99.5	99.5	98.6	93.5	93.5	93.6	
5E	9301	. 3	39.5	87.2	95.5	95.7	98.0	99.3	98.6	73.6	99.5	98.5	98.6	73.5	93.5	98.5	
GΕ	POST	. 3	40.3	88.4	96.3	96.9	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	97.1	99.7	
Ŀξ	7.391	. 1	.3.3	88.4	96.5	96.9	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	94.1	99.7	
υŧ	6301	• 3	40.6	88.6	96.7	97.2	99.4	99.4	133.3	133.3	133.3	100.0	100.0	133.3	133.3	133.3	1
υí	5001	. 3	40.6	98.6	36.)	97.2	99.4	99.4	193.3	100.0	100.0	130.0		133.3	100.0	100.0	1
ωf	4001	. 3	43.6	88.6	96.9	97.2	99.4	99.4	100.0	133.3	100.0	100.0	100.0	133.3	100.0	100.0	ì
6 E	1001	. 3	40.6	88.6	96.7	91.2	99.4	y9.4	103.0	133.0	131.3	133.3	130.0	100.0	100.0	193.3	
υE	1005	. 3	40.6	88.6	96.3	97.2	99.4	99.4	100.0	133.0	103.0	133.3	100.0	133.3	100.3	103.3	
(, E	1.701	. 3	4 O • C	88.6	96.)	91.2	99.4	99.4	100.0	133.3	100.0	133.3	100.0	133.3	133.3	103.3	1
ų į	nΙ	. 3	43.6	88.6	96.1	91.2	99.4	30.4	100.0	111.0	177.3	111-1	130.3	111.1	111.1	101.1	1

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREADINGY OF DEGENERATIONS OF CEILING WERSONS WINDIDLING HOME

AIR WEATHER SERVICE/MAC

PERTO OF RECORD: 75-84

CCEC-CU2C : 15-84

VUL : 11V0P STATION NUMBER: 616413 STATION NATE: DAKAR SENEGAL SELLE STUTATE NI YTTLIETELY CEILING. SE SE 3 2 1/2 IN | GE FLET | 10 GE 6 3E 3E 3E 2 1 1/2 1 1/4 3E 1/2 5E 1/4 5<u>:</u> 5/15 3/4 3/B NO CEIL I 17.5 36.6 42.1 43.2 43.2 43.4 43.4 43.4 43.4 43.4 43.4 43.4 43.4 51.5 51.6 52.3 52.3 52.3 52.3 52.2 52.2 52.2 52.2 52.2 52.2 \$2.2 \$2.2 \$2.4 \$3.3 52.2 52.2 52.2 52.2 52.2 52.2 52.2 52.2 52. 52. 66, 200 101 50.1 17.8 180701 50.1 52.4 53.3 51.3 50.8 51.7 52.2 53.1 52.2 53.1 52.4 52.4 52.4 52.4 52.4 52.4 53.3 52. 53. υE 100701 44.1 6E 120001 . 2 27.4 61.8 71.5 12.2 73.5 73.5 73.8 73.8 13.5 74.3 27.4 27.4 27.4 73.6 75.6 73.6 73.6 73.6 73.6 73.9 73.9 73.9 73.8 75.8 73.8 73.8 73.8 75.8 73.8 73.8 73.8 73.8 74.3 74.3 74.3 74.0 61.8 72.2 72.2 74.J 74.J 74.3 74.3 100301 74.3 74.3 74.3 . 2 71.5 72.2 74.3 74.3 74. LE 80001 61.8 Incar 27.4 71.5 73.5 űŁ 60001 61.8 73.6 73.8 73.8 . 2 83.0 63.3 93.3 83.0 83.3 83.3 83.2 83.2 83.2 33.2 33.2 33.2 50001 36.6 71.0 90.7 92.6 82.9 33.0 93.2 83.2 GE 4530 I 4030 I .2 71.0 81.4 82.8 82.8 82.9 83.0 33.0 33.0 93.2 36 . 6 (, f 36.6 93. 33. 80.7 83.2 35 30 1 3 E . E 71.0 50.7 82.8 52.5 53.2 83.0 43.0 83.0 83.3 30101 36.6 91.1 81.9 93.2 83.8 71.5 71.7 71.7 83.4 93.7 83.7 33.0 33.7 63.7 25301 91.1 91.4 91.4 83.4 83.7 83.7 83.4 93.7 83.7 83.7 83.9 83.9 83.7 83.9 93.9 6 F 36.6 81.3 83.2 2000| 1800| 36.8 93.9 93.9 83.9 63.9 33. 82.1 83.6 83.4 38.2 94.1 99.) 95.U 92.2 85.4 92.2 86.7 85.7 92.4 is F 15 10 1 74. 1 86.2 86.2 85.4 85.4 95.7 93.4 99.4 99.8 99.8 95.7 96.8 98.2 99.2 93.5 93.5 78.4 79.8 77.8 94.2 99.5 94.5 9391 . 2 42.8 85.7 95.7 96.8 98.4 98.4 98.6 93.5 99.6 73. 8J0| 43.7 87.1 91.2 99.5 99.8 99.5 130.3 133.3 100.0 133. 99.5 100.0 **UF** . 2 43.7 99.2 100.0 100.0 630 i 133.3 43.7 43.7 43.7 99.6 99.8 99.8 87.1 87.1 133.3 5001 • 2 91.2 91.2 99.5 99.5 99.9 99.5 130.3 100.0 4001 3001 99.5 99.8 99.8 98.2 99.5 99.8 100.0 133.3 133. 91.2 99.5 100.0 C. F . 2 87.1 99.2 99.8 99.8 99.9 100.0 100.0 100.0 133. 2301 99.8 99.8 99.8 99.8 1, L 87.1 99.3 99.5 103.3 103.3 1301 93.8 130.3 100.0 100.0 GE 0.1 . 2 41.7 87.1 97.7 98.2 99.5 99.5 99.8 19.8 99.8 99.8 100.0 100.0 100.0 100.0 100.

PERCENTAGE FREQUENCY OF OCCURRENCE OF CETELING VERSUS VISIBILITY

FROM HOURLY DESCRIPTIONS

OF CETELING VERSUS VISIBILITY

PERIOD OF RECORD: 75-84

STATION NUMBER: 616413 STATION NAME: SAMAR SENESAL

er i jaka ja

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR WIATHER SERVICE/MAC

YUL : HIVCP HOURSILSI): J9DD-11DD AISIBILITA IN SITIDE AIFE? CEILINS IN 1 GE FEET 1 10 SE SE 3E 3 1/2 SE SE SE 2 1 1/4 3 5 GΕ 3/4 5/8 1/2 5/15 1/4 ב NO CEIL I 31.3 . 3 19.4 27.6 31.8 32.6 \$2.6 32.6 32.5 32.6 32.5 32.5 30.5 50.9 32.5 32.5 GE 200001 26.0 45.6 45.6 45.6 45.6 45.6 45.9 44.5 GE 180301 . 3 26.0 25.0 19.5 43.5 44.9 45.6 45.5 45.6 45.5 45.5 45.5 45.5 45.5 45.5 39.3 44.5 UE 160001 47.2 47.2 48.0 49.3 63.2 SE 140301 27.4 41.6 45.7 46.2 48.0 49.0 49.0 49.3 46.0 44.7 43.3 66.5 SE 10030[ 41.1 60.7 66.5 69.4 59.4 53.4 66.5 59.4 59.4 59.4 69.4 69.4 58.4 68.4 58.4 53.4 53.4 53.4 Ū€. 90.001 . 3 41.1 60.7 56.3 66.6 67.5 67.5 69.4 68.4 53.4 63.4 53.7 8000 41.1 56.5 66.6 67.6 68.4 58.4 63.4 68.4 53.7 GE 70301 41.1 60.7 56.3 66.6 67.6 67.5 68.4 58.4 53.4 53.7 60301 50J0] 4530] 55.4 75.1 75.1 89.7 89.9 82.8 82.8 37.8 32.8 82.8 82.8 57.5 82.8 82.8 32.3 92.3 82.3 UΕ . 3 90.0 52.J 82.3 62.8 33.3 75.1 75.1 82.8 82.9 82.8 82.6 82.8 82.8 82.8 G F 40351 55.4 80.5 80.9 92.0 82.0 92.9 82.9 33.3 35 30 1 55.4 83.9 92.3 92.3 37.9 82.8 90.> 3000 83.9 55.4 56.2 56.2 59.9 75.1 75.9 83.9 81.7 92.J 92.8 82.J 82.9 82.8 32.8 82.8 93.6 82.8 83.5 82.8 93.6 92.3 92.3 83.5 82.9 33.3 25 J 0 1 90.5 20001 . 5 81.4 83.6 GΕ 18001 75.9 91.4 81.7 87.5 92.8 82.8 33.6 83.6 87.4 83.5 89.4 83.6 89.4 93.5 89.4 83.5 89.4 83.5 89.4 33.3 88.6 15401 81.2 88.5 12301 64.5 95.3 96.6 95.8 95.9 67.1 67.1 67.1 99.5 99.5 99.5 99.7 10001 911.2 97.3 97.6 97.6 98.7 99.7 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 9001 90.2 97.6 97.9 99.5 99.7 99.5 99.7 99.5 99.7 90.2 90.5 97.5 98.7 99.5 99.7 99.5 99.5 65 9301 99.7 99.5 33.7 6001 67.4 90.5 97. 91.9 99.9 99.7 99.7 99.7 99.7 99.7 99.7 133.3 67.4 67.4 67.4 91.9 91.9 97.9 . 9 . 8 90.5 90.5 90.5 97.5 97.5 97.3 99.7 99.1 99.1 99.7 99.7 99.7 100.0 99.9 99.9 99.9 99.7 99.7 99.7 99.7 97.7 99.7 99.7 99.7 99.7 99.7 G.F. 5 10 1 4301 3004 98.9 99.7 99.7 99.7 99.7 Ĺξ 96.9 99.7 19.7 99.7 99.7 2 -01 67.4 90.5 97.9 98.9 99.7 99.7 99.7 99.7 99.7 99.7 1301 77.5 97.9 39.7 99.7 99.7 99.7 6 F 67.4 90.5 99.9 99.9 99.7 99.7 133.3 6 f 01 . 8 67.4 90.5 97.3 97.9 99.9 99.9 99.1 99.7 99.7 99.7 99.7 99.7 99.7 97.7 133.3

TOTAL NUMBER OF OBSERVATIONS:

377

GEORAL CLIMATOLOGY RRANCH USAFETAC AIR WEATHER SERVICE/MAC

SERCENTAGE EXECUTIONS OF DECORRENCE OF CELLING AESONS ATRIBITIES.

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-34 MOUTH: JUN HOURS(LST): 1200-1400 43.6 NO CETE I 29.1 48.2 92.4 42.9 41.6 44.9 44.9 44.0 44.3 55.5 55.5 55.5 36.9 36.9 56.9 55.9 55.9 55.9 57.8 55.9 55.9 55.9 57.9 6F 200301 36.5 51.0 54.2 54.2 54.9 54.9 55.5 55.5 56.9 55.7 56.9 56.9 56.9 55.) 56.) 55.7 55.7 06 190301 51.0 54.2 55.1 56.9 55.7 36.5 51.0 54.7 55.5 56.9 56.9 55.7 55.9 GE 140301 51.9 55.9 55.4 PF 150301 45.7 65.0 58.4 69.1 69.3 69.9 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 65.0 65.0 65.0 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 71.1 GE 100301 46.7 58.4 69.1 69.5 71.1 71.1 71.1 71.1 71-1 71-1 69.8 10c08 46.7 58.4 69.1 69.8 71.1 71.1 71.1 71.1 GΕ 46.7 58.4 69-1 69-1 69.8 71.1 71-1 70001 59.9 71.1 59.8 PE 90301 46.7 65.U 58.4 69.1 69.8 71.1 71.1 71.1 71.1 71.1 71.1 32.2 32.2 82.2 92.2 92.2 92.2 82.2 82.2 82.2 6.F 50.001 51.8 76.1 79.5 63.1 81.8 97.9 92.2 12.2 92.2 92.2 42.2 57.8 57.8 79.3 83.1 33.8 83.8 80.9 82.2 82.2 32.2 82.2 82.2 82.2 82.2 76.1 76.1 32.2 40301 GE 45 201 57.8 79.5 80.1 90.9 90.9 81.3 82.2 82.2 32.4 82.2 82.2 82.2 32.2 82.2 GΕ 25001 20001 58.0 83.4 82.4 83.5 83.7 92.4 90.3 91.3 90.7 93.5 93.7 93.5 93.5 93.5 33.5 93.7 93.5 63.5 83.7 93.5 83.5 83.7 93.5 33.7 L E 58.5 77.4 81.5 81.7 82.2 82.4 32.2 83.5 83.7 83.5 83.7 77.7 82.4 1001 15001 92.1 GE 65.9 87.4 91.4 93.5 93.5 93.5 97.1 100.0 100.0 73.9 100.0 133.3 130.3 103.3 • 2 93.2 100.0 111.1 97.7 98.5 133.3 GΕ 9 101 99.5 BUOL 70.9 97.1 98.5 98.6 100.0 133.0 103.0 130.3 100.0 133.3 133.3 7301 • 2 73.9 93.2 97.1 97.7 95.5 98.5 103.3 133.3 100.0 100.0 100.0 133.3 100.3 103.3 133.3 GE GE 73.9 97.1 97.1 98.5 98.6 100.0 103.0 133.3 93.2 133.3 103.3 4 10 1 97.7 133.3 100.0 98.6 133.0 133.3 107.3 . 2 73.9 73.9 93.2 97.1 98.6 98.6 133.0 103.0 100.0 100.0 133.3 100.3 3301 97.7 100.0 133.3 2301 97.7 133.3 133.3 6E 100.0 1001 97.1 98.6 100.0 100.0 100.0 100.0 100.0 100.0 133.3 01 .2 70.9 93.2 77.1 97.7 98.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

1

GLUBAL CLIMATOLOGY RRANCH USAFETAC

SERVENTAGE EXECUTED A DESCRIPTION OF CERTIFIED ABSENTED LA VISIBILITA

AIR MEATHER SERVICEZHAL

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL VISIBILITY IN STATULE MILES SE SE SE 1N | 5L FEET | 10 5E 3F 3E 3E 3E 7 1 1/2 1 1/4 1 3E 5/15 31 174 NO CETE ! 35.3 44.0 46.5 46.6 47.6 47.5 48.4 43.4 48.4 43.7 43.7 49.3 54.7 54.7 54.7 57.9 57.9 59.9 GE 200301 41.5 59.7 59.7 59.7 59.9 59.9 59.9 59.9 5J.2 5J.2 190301 57.5 57.9 59.7 59.9 43.5 59.9 59.7 59.9 51.2 43.5 28.9 58.9 59.7 59.7 57.9 59.7 JE 14030 UE 120301 53.1 67.3 54.7 73.2 71.2 71.2 72.3 12.0 72.5 72.3 72.3 72.5 53.1 53.1 53.1 71.2 71.2 71.2 72.3 12.3 12.0 72.3 72.0 72.3 72.3 72.3 72.3 72.3 72.5 72.3 72.3 72.5 72.5 72.5 100.001 71.2 67.0 59.4 70.2 67.U 59.7 13.2 4030 80301 72.3 72.3 ı, E 71.2 72.3 72.0 59.7 70301 53.1 67.1 10.2 12.0 72.3 67.0 60101 53.1 71.2 72.3 72.0 72.3 72.3 72.3 72.3 υŁ 50001 45001 79.8 42.1 63.3 84.3 34.8 34.8 34.8 95.1 85.1 85.1 85.1 85.1 85.1 35.3 35.3 35.3 66.0 84.8 84.8 34.5 95.1 54.3 79.8 79.8 79.8 92.1 92.1 92.1 83.J 83.J 66.0 94.0 84.3 84.3 84.5 94.8 84.8 85.1 40301 35.1 ijΕ 35 101 65.0 94.J 94.0 84.3 84.8 84.8 35.1 95-1 45.3 95.1 35.3 25301 85.6 86.4 86.9 95.3 85.3 85.1 86.5 95.5 85.4 86.9 94.5 85.3 85.3 95.3 95.5 35.3 94.) 84.3 35.1 66.8 95.1 85.6 35.4 95.4 95.7 95.5 G.E 80.9 85.1 86.6 1830 80.9 94.) 85.3 86.6 15001 ĿΕ 71.2 86.9 90.0 93.9 92.1 92.1 23.5 93.5 91.5 93.7 93.7 91.7 93.7 24.1 12701 10001 91.9 97.5 97.5 99.5 99.7 99.2 G€ 75.7 96.L 96.3 99.2 19.2 99.2 99.5 99.5 49.5 G E 800 | 700 | 75 • 7 75 • 7 91.9 96.1 96.3 97.6 97.5 99.2 99.2 99.2 99.2 99.5 99.5 99.5 99.5 99.7 96.1 97.5 υE 96.3 99.2 6101 96.3 97.9 97.9 99.5 99.5 99.5 99.5 99.5 99.5 99.7 5001 . 3 92.1 99.7 133.3 4301 75.9 92.1 99.7 Gξ 96.6 99.7 GE GE 3001 75.9 75.9 92 • 1 92 • 1 97.9 99.5 99.5 99.5 99.5 96.3 96.5 97.9 99.7 96.3 95.5 97.9 99.7 99.7 99.1 99.7 133.3 1001 nj .3 75.9 92.1 99.5 99.5 99.5 99.7 97.7 133.3

SLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREGUIONOM OF OCCURRENCE OF COLLUNG MERSUS MISIBILITY
FROM HOURLY DBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAMAR SEVERAL PERIOD OF RECORD: 75-84 MONTH: JUN HOURS(EST): 1980-2300 CEILING 6 i 5 SE 3 5 IN | FEET | 3 2 1/2 +tt1 | 10 6 5 + 3 2 1/2 2 1/2 5/15 ز NO CEIL I . 5 26.5 35.0 38.3 38.5 38.7 39.7 39.7 39.9 43.4 40.4 40.4 43.4 43.4 43.4 +3.+ 50.3 50.3 50.3 51.6 51.6 33.8 49.8 49.8 49.8 53.9 53.9 50.9 51.6 51.5 51.6 50.0 51.5 .5 51.5 51.5 51.5 51.6 51.6 45.8 49.3 51.2 51.5 51.6 DECEMBER 30 UE 160301 50.0 51.6 51.6 GE 140001 . 5 35.9 48.1 51.4 52.1 52.3 52.3 53.3 53.5 54.0 54.3 54.3 54.3 54.3 54.3 54.3 56.4 55.4 55.4 59.6 59.6 59.6 59.6 OE 100001 54.9 65.7 55.0 56.4 56.4 55.4 65.4 54.1 44.4 54.8 54.8 64.9 64.9 65.4 65.4 €, E 90301 64.3 65.7 55.0 65.4 55.4 66.4 55.4 55.4 55.4 80301 70301 54.1 65.7 55.0 55.4 55.4 66.4 55.4 55.4 64.3 64.8 GΕ . 5 54.1 54.9 65.7 55.3 65.4 55.4 66.4 55.4 55.4 65.4 55.4 60301 55.4 56.4 55.4 65.4 55.9 71.1 77.9 77.9 50301 75.8 75.8 75.3 76.3 75.3 76.3 11.5 17.5 77.9 77.9 11.2 77.2 77.9 77.9 77.9 77.9 77.9 77.9 GE 45301 • 5 75.0 77.9 11.9  $\sim_{64}$ 40001 35001 55.9 55.9 71.1 75.5 75.8 75.9 75.3 76.3 11.2 11.2 11.5 11.5 77.9 11.9 77.9 Ŀ£ 71.1 15.3 75.3 75.3 77.9 77.9 17.9 77.7 6 E สกอกไ 79.9 79.9 79.9 •5 56.1 57.3 71.6 72.8 76.1 77.5 77.7 79.1 11.9 19.3 73.4 79.8 78.4 79.8 73.4 77.5 73.4 79.3 6 E 25001 75.3 78.2 20001 . 5 57.0 72.H 77.7 79.3 79.8 99.5 79.8 98.5 79.8 33.5 77.3 79.8 83.5 1.1 10001 77.5 78.2 78.2 79.1 77.3 15001 87.6 69.5 LF 12001 86.9 92.3 92.5 93.2 93.2 95.3 95.3 95.3 .5 98.8 98.8 99.1 üΕ toont 72.8 91.3 96.3 96.7 91.1 97.7 99.1 99.8 99.9 99.5 77.3 77.3 99.3 99.3 **.3 U. 1009 72.8 73.U 91.5 96.7 96.9 97.7 97.7 99.1 99.8 103.0 99.8 99.8 97.3 99.9 . 5 100.0 100.0 100.0 υE 100.0 . 5 7.1ni 6101 75.0 91.2 υE 91.5 76.1 99.1 99.3 100.0 100.0 100.3 133.3 173.3 103.3 133.3

99.1 99.1 99.1

99.1

99.1

99.3 99.3 99.3

29.3

100.0

100.0

100.0

130.0

100.0

100.0

TOTAL NUMBER OF OBSERVATIONS:

73.0

73.U 73.U

73.0

91.5

91.5

76.1

76.1 96.1

96.7

96.1

5301

4001

2301

0.1

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1.6

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υE

97.2

91.2

97.2

97.9 97.9 97.9

97.9

97.9

97.9

97.9 97.9

97.9

130.3

100.0

100.0

100.0

133.3

133.3

133.3

111.1

133.3

+9.3 133.0 133.3 130.0 133.3 133.3 133.3 133.3

100.0

100.0

111.1

103.3

103.3

133.3

111.1

133.3

100.0

GLUHAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

SENCENTABLE ESCURIENCY OF DECENSENCE OF CETETARY ASSESS ATSTRACTED

		C18413 : SJAM									HTVCH	DE REC	45475	(LST):	2100-23	33
			• • • • • •	• • • • • • •		,			• • • • • • •	• • • • • • •		• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • • •
	LINS					1			IN STAT							
1		bt SE	6.5	ű.E	SE		S£	SE	GΕ	SE	SE			a i	3 :	3.5
-	E1 1		٠,				2	1 1/2	1 1/4	1	3/4	>/8	1/2	5/15	1/4	)
• • •				• • • • • • • •				• • • • • •	• • • • • • • •	• • • • • •		• • • • • •	• • • • • •		• • • • • •	
						1.										
14.7	CEILI	21.9	38.9	4 2 . 3	42.3	43.2	43.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	4 4 . 2
	1001-1															
	100001		46.5	49.7	49.7	5) - 5	51.5	52.5		52.5	52.5	52.5	52.5	52.5	52.5	32.3
	180301	25.6	46.5	49.7	49.7	51.5	51.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
	160001	26.6	46.5	49.7	49.7	51.5	51.5	52.5		52.5	52.5	52.5	52.5	52.5	52.5	52.5
	140301	27.6	48.5	51.3	51.8	53.5	53.5	54.5	54.5	54.5	54.5	54.5	5 4 - 5	54.5	54.5	54.5
GE	12000	32.7	57.5	51.3	62.1	54.3	54.3	65.3	55.3	65.6	65.5	55.5	55.5	55.5	65.5	55.5
	100301	32.7	57.5	61.3	62.1	64.3	64.3	65.3	55.3	65.6	65.6	65.6	55.5	65.5	65.5	55.5
	100301	32.7	57.5	51.3	62.1	64.3	64.3	65.3	55.3	65.6	65.5	65.6	65.5	65.5	65.5	55.5
	90301	32.1	57.5	51.3	62.1	64.3	64.3	65.3		55.6	55.6	65.6	55.5	55.5		
									55.3						65 - 5	55.5
	70.01	32.7 32.7	57.5	51-3	62.1	54.3	54.3	65.3		65.6	65.5	65.6	55.5	65.6	65.5	55.5
GE	60301	32.7	57.5	61.3	62.1	54.3	54.3	65.3	\$5.5	65.6	65.6	55.5	55.5	65.5	65.5	55.5
1.6	50001	48.0	72.9	77.1	77.4	79.6	79.5	80.7	30.7	83.9	83.9	90.9	83.9	83.9	83.9	33.7
5 E	45301	48.0	72.9	77.1	77.4	79.6	79.6	80.7	83.7	83.9	83.9	80.9	83.9	83.9	83.9	33.7
	40301	48.2	73.1	77.4	77.6	79.9	79.9	80.9	90.9	81.2	91.2	91.2	81.2	91.2	81.2	31.2
	35001	49.2	73.1	77.4	11.6	79.9	79.9	83.9	33.9	41.2	91.2	91.2	91.2	81.2	81.2	31.2
ù E	30301	48.5	73.6	77.7	78.1	83.4	30.4	81.4	31.4	81.7	91.7	91.7	31.7	81.7	61.7	31.7
U E	20.10.1	48.0	13.6	11.9	10.1	53.4	33.4	01.4	31.4	31.1	31.7	51.7	21.0	51.7		31.7
υ£.	25001	48.5	73.6	77.3	78.1	83.4	93.4	81.4	31.4	91.7	81.7	91.7	91.7	91.7	81.7	31.7
ű.	20001	48.7	73.9	78.1	78.4	80.7	83.7	81.7		81.9	81.9	91.9	91.9	91.9	61.7	31.7
üΕ	10001	48.7	73.9	78.1	78.4	93.7	30.7	81.7		81.9	61.9	91.9	91.9	91.9	81.9	31.7
66	15.001	50.0	76.6	91.4	81.7	83.9	93.9	84.9		95.2	35.7	95.2	35.2	95.2	85.2	35.2
G€	12301	54.0	85.4	70.5	93.7	93.3	93.3	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
U-€	10001	51.3	90.2	95.1	96.3	98.2	98.2	99.5	99.5	99.7	99.7	99.7	33.7	99.7	97.7	23.7
6.5	9001	57.3	90.2	95.7	96.3	98.2	98.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	97.7	37.7
υE	1008	57.5	90.5	96.1	96.2	99.5	98.5	99.7	33.7	100.0	133.3	130.3	133.3	100.0	103.3	133.3
υE	7501	57.5	90.5	96.3	96.2	99.5	99.5	99.7	33.7	100.3	100.0	100.0	133.3	100.0	133.3	133.3
ü.E	6301	57.5	93.5	96.3	96.2	99.5	98.5	99.7	99.7	193.9	100.0	130.3	133.3	100.0	103.5	133-3
(, E	5301	51.5	90.5	96.3	96.2	93.5	78.5	99.7				100.0				
ĿΕ	430	57.5	90.5	96.3	96.2	98.5	98.5	99.7				100.0				
υŧ	300 l	57.5	90.5	75.1	96.2	99.5	98.5	99.7				130.3				
6 E	2301	57.5	90.5	76.3	95.2	99.5	99.5	99.7	39.7	100.0	137.3	130.3	133.3	133.3	103.3	133.3
υF	1001	57.5	90.5	96.1	96.2	93.5	98.5	99.7	99.7	100.0	133.3	100.0	133.3	100.3	133.3	173.3
									22.5							
5€	01	57.5	90.5	96.)	96.2	93.5	98.5	99.7	77.7	133.0	133.3	130.3	133.3	133.3	193.3	111.1
• • •	• • • • • •	••••		• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••		• • • • • •		•••••	• • • • • • •	• • • • • • •	•••••	

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

#### PROBLEM SUFFICION OF CERTIFIED AND ACADEMICAL DESCRIPTIONS OF CERTIFIED AND ADMINISTRATIONS.

PER100 OF RECORD: 75-84 STATION NUMBER: 616413 STATION NAME: DAKAR SENESAL YUL : PIREP 137331-311: VISIBILITY IN STATUTE MILES CEILING IN | GE GE FEET | 10 6 3E 1 GE 5/5 3£ 1/? 3E 5/15 3£ 1/4 GF ٤٤ د 3/4 NO CEIL I .1 23.5 39.2 42.5 42.4 43.9 43.9 44.8 44.3 44.8 4 4 . 3 53.4 53.4 53.4 ēE ≥apani 28.5 28.5 51.3 52.2 52.2 53.4 53.4 54.2 54.2 54.3 54.3 54.3 54.3 54.3 54.3 54.3 180001 47.8 3 4 . 3 51.7 54.2 28.5 47.8 51.1 53.3 52.2 54.3 54.3 54.3 55.7 54.5 54.4 JE 160301 . ? 53.4 54.2 54.2 54.3 54.3 54.3 54.9 55.5 SE 120001 • 2 57.0 62.2 67.3 69.1 69.5 73.3 70.3 73.4 11.4 73.5 73.5 11.5 73.4 73.4 73.4 73.5 73.5 73.5 73.5 13.5 71.6 13.5 100001 10000 37.0 57.0 62.3 67.7 57.7 68.2 68.2 59.5 69.6 69.5 73.4 73.4 73.5 73.5 70.5 70.5 13.5 73.5 73.5 73.5 73.7 . 2 73.5 80001 57.1 59.6 59.6 73.4 G.E 37.0 62.3 69.2 70.5 70.5 73.5 12.1 37.0 69.5 to E 60371 . 2 37.0 62.3 57.7 68.2 69.6 59.6 73.4 73.4 73.5 70.5 73.6 73.5 73.5 73.5 73.7 •2 uE úł 48.1 48.1 48.1 81.5 81.5 81.5 31.5 31.5 31.5 91.5 51.6 81.5 91.7 91.7 81.7 31.3 31.3 31.3 79.5 50001 73.4 33.7 93.7 81.5 91.7 83.7 45201 73.4 73.4 78.3 78.3 79.3 79.3 81.6 31.7 81.7 91.7 B1.7 üξ 30.7 (,E 35.10 i 48.1 73.4 79.3 93.7 83.7 91.5 91.7 92.3 91.7 81.7 30301 81.7 81.0 81.9 92.3 92.5 92.7 73.7 /4.3 74.3 82.3 82.6 82.7 46.2 46.6 48.7 79.6 82.0 92.3 25001 • 2 91.3 32.7 63.2 87.3 81.5 51.5 31.5 82.4 32.5 82.6 92.1 82.5 82.7 32.5 82.5 82.7 ₩E 20001 14.5 18301 79.3 87.9 94.2 υE 15 10 1 . 2 52.3 79.5 95.1 85.5 87.1 87.3 38.3 93.1 49.1 98.2 33.2 94.2 44.2 44.2 10001 58.2 96.1 98.1 99.1 96.6 96.5 97.1 97.2 98.1 98.5 98.5 1.06 99.3 99.3 99.3 ωĘ 9301 . 2 89.6 96.1 98.1 99.1 99.5 99.3 99.3 99.3 99.3 99.4 8 J D | 7 J D | • 2 59.6 90.1 76.3 99.5 99.5 39.6 39.7 99.8 99.8 77.3 99.8 ;;.; 58.6 U 90.1 96.5 98.5 99.5 99.9 1000 90.2 133.3 96.5 99.9 99.9 99.3 58.7 96.1 96.1 97.2 99.9 99.9 133.3 98.7 90.2 99.7 99.7 99.8 ωŧ 4501 . 3 99.7 90.2 97.2 97.2 97.8 99.9 3301 58.7 96.1 99.7 94.9 PP.9 99.9 99.9 100.0 υ£ 5301 . 3 58 . 7 76.7 99.7 79.7 97.7 99.9 77.7 99.9 47.7 133.3 04 . 5 58.7 96.1 98.7 27.7 99.8 30 . A 99.9 33.3 01.3 99.9 133.3

GEOBAL CLIMATOLOGY ARANCH USAFETAC AIR "EATHER SERVICE/MAC

# PERCENTAGE FRIQUINCY OF OCCUPATING OF CEILING VERSUS VISIBILITY FROM HOURLY DRISERVATIONS

STA	TION NO	IMHER:	615413	STATIO	: PAY NO	)444	R SENES	L					i DF REC I: JUL			3333-32	נני
	 L1No	• • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •			IN STAT			• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••
		GΕ	ál	GŁ	üΕ	SŁ	SE	GE	31111	5 E	311 710	6.5	G E	3.5	ءَ ذ	5 E	3.5
	ត់ i		J.	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/15	1/4	, ,
		-															
* )	ctic 1	• 2	33.9	44.7	44.7	44.9	44.9	44.9	94.9	44.9	44.9	44.9	44.9	44.7	44.9	44.9	++++
. 1	250304	.2	41.1	5 3	55.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
4.0	180301	• 2	41-1	53.5	53.5	53.5	53.5	53.5	53.5	55.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
a)	150301	. 2	41-1	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	23.2
	140501	+2	41.5	53.5	53.3	53.7	53.7	53.7	53.7	53.7	53.7	5 4 . 7	53.7	53.7	53.7	53.7	53.7
D.	150001	• •	44.0	64.6	54-1	65.3	65.3	55.3	65.2	55.2	65.2	55.2	55.2	55.2	55.2	65.2	53.2
. :	Lucust		49.8	65.11	55.4	65.7	55.7	55.7	55.9	55.9	65.9	65.9	65.9	55.9	65.7	65.7	53.7
	95301	.2	49.0	65.0	65.4	65.7	55.7	65.7	65.9	55.9	55.9	65.9	65.9	55.9	55.9	υ5.9	55.7
ot	50001	• ?	49.8	65.0	55.4	65.7	55.7	55.7	65.9	55.9	65.9	55.9	65.9	55.7	53.3	65.9	55.3
. 1	70391	. ?	49.8	65.0	55.+	65.7	55.7	55.7	65.9	55.9	65.9	55.9	65.9	55.9	55.	55.}	55.7
. 1	63.10 [	• 2	49.8	65.0	65.4	65.7	55.7	55.7	65.9	55.9	65.9	65.9	65.9	65.3	55.7	65.9	22.3
. 1	Sount		56.7	72.0	72.4	72.5	72.5	72.5	72.9	72.8	72.8	72.3	72.8	72.9	72.3	12.3	12.3
	4 5 113 1		55.7	12.0	72.1	12.6	72.5	12.6	72.8	72.8	72.8	72.9	72.8	72.8	72.8	12.9	72.3
sit	40301	. 2	55.1	12.0	72.4	72.5	72.5	72.5	72.9	12.8	72.8	72.9	72.8	72.3	72.3	12.9	12.3
.!	35.301	. 2	55.7	12.6	12.4	72.5	72.5	12.5	72.8	72.8	72.8	72.9	72.8	72.3	12.3	72.3	12.3
٠,٠	\$6.50	• 2	57.5	12.8	73.4	13.5	73.6	73.5	73.9	13.8	73.8	73.9	73.8	73.3	73.3	73.9	73.3
., (	25,121	. ?	51.5	72.8	75.4	13.5	73.6	13.5	73.9	73.8	73.8	73.9	73.8	73.3	73.3	73.3	73.3
111	20361	.2	58.3	13.6	74.2	74.4	74.4	74.4	74.6	74.6	74.6	74.5	74.6	74.5	74.5	74.5	74.5
o E	1000		58.3	13.6	74.2	74.4	74.4	74.4	74.6	74.6	74.6	74.5	74.6	74.5	74.5	74.5	74.5
., 1	15 301	. 2	65.9	93.1	93.7	43.9	83.9	33.9	94.1	34.1	84.1	84.1	84.1	34.1	84.1	34.l	34.1
at	1537	• 2	12.0	93.5	94.2	94.7	94.7	94.7	95.1	<b>≯5.1</b>	95.1	95.1	95.1	95.1	95.1	95.1	75.1
v. E	10101		75.0	97 1	**.,	98.8	99.3	98.9	99.4	77.4	99.4	99.4	99.4	99.4	99.4	99.4	,,,
ut.	9,001		15.0	97.0	90.3	99.9	99.8	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	49.4	77.4
i.t	ควาไ	. 2	75.2	91.2	75.3	99.3	99.3	99.3	99.5	99.5	97.6	99.5	99.5	97.5	99.5	47.5	77.5
υŧ	7 (0)	• 2	75.4	97.4	99.1	99.2	99.2	99.2	99.0	29.8	99.8	99.3	99.5	37.3	73.3	99.3	99.1
ωŧ	eani	• 2	75.4	97.4	99.3	99.2	99.2	39.5	99.8	¥9.8	99.8	99.9	99.8	99.5	97.3	99.3	99.3
٦,	5.30 [	. 7	75.4	97.4	99.3	94.2	99.2	49.2	99.8	99.B	91.8	99.3	99.8	97.3	77.5	99.3	33.3
ſ₁ <b>E</b>	430	• ?	75.4	97.4	33.1	99.2	99.2	99.2	99.8	33.8	99.8	99.8	99.8	99.9	23.8	99.3	77.5
is 🕻	3.30 (	• 2	75.4	97.4	74.3	99.2	31.2	33.2	99.8	19.8	99.8	11.5	99.5	77.3	99.3	17.8	99.3
<del>)</del> ر.	5.30 [	. 7	75.4	97.4	19.1	99.2	44.2	99.2	99.8	17.8	94.5	49.8	99.8	11.3	99.5	99.3	22.3
6 t	וחנו	• 2	75.6	97.6	99.2	99.4	99.4	99.4	102.0	133.3	100.0	103.3	170.3	103.0	100.0	103.3	133.3
ъŧ	0.1	. 2	75.6	91.6	99.2	99.4	99.4	99.4	100.0	100.0	173.8	100.0	133.3	137.3	173.3	103.3	133.3

GEODAE CEIMATOLOGY SHAVCH AIR WEATHER SERVICEZMAC

YTTATETSTY SUSFIG CHISTED TO SUPERFUSOR TO YSWILLERY GRATUSDET.

STATION NUMBER: 615417 STATION NAME: DAKAR SENEGAL

420 h

253100 05 350033: 75-34 10385(251): 3300-0503 JUL : HIVCH VISIBILITY IN STATUTE MILES

6 5 4 5 2 1/2 2 1 1/3 1 1/4 1

6 5 4 5 2 1/2 2 1 1/3 1 1/4 1 CETEINS SE 374 3E 1/4 4/15 · 1/2 5/6 NO CEIL I 36.3 45.5 45.3 45.3 45.3 45.3 45.3 65 180001 65 180001 40.6 51 • 2 51 • 2 51.2 51.2 51.2 51.2 51.2 51.2 51.2 51.2 51.2 51.7 51.2 51.2 51.2 51.2 51.2 51.2 51.2 51.2 51.2 51.2 50.7 51.2 51.2 51.2 51.2 51.2 50.7 50. 51.2 6F 140001 43.6 43.8 51.2 51.2 51.7 51.2 51.2 51.7 51.2 50.7 50.7 51.2 51.2 50.9 51.4 51.7 51.7 51.7 51.7 51.7 120101 51.2 55.5 65.4 51.2 51.2 64.9 55., 55., 65.8 65.8 65.8 65.8 55.8 65.8 65.8 55.9 55.9 PE 1000U1 65.8 65.8 65.J 55.3 90301 65.5 55.3 11€ 80401 51.2 64.7 55.3 65.3 55.3 35.3 65.8 55.8 55.8 65.8 65.8 65.9 55.8 65.8 55.3 55.3 65.3 65.3 55.J 50.3 51.2 65.8 55.8 55.3 55.) 60301 51.2 55. 65.3 55.8 65.9 65.5 55.8 65.4 50301 73.5 73.6 73.9 73.9 59.0 12.6 75.5 73.5 73.6 73.6 73.6 73.6 73.5 73.3 73.4 45301 46301 35301 73.6 73.5 59.0 12.6 73.5 73.6 13.5 73.6 73.6 73.9 75.5 73.3 59.2 12.9 72.9 73.8 73.5 75.3 75.3 73.9 13.9 73.8 73.8 73.3 74.1 6. 73.3 73.9 74.1 73.3 73., 30 JO I 61.1 76.4 75.4 15.1 11.6 11.5 75.7 77.6 77.5 76.7 77.6 71.5 75.7 77.6 11.6 76.7 77.6 77.6 76.7 77.6 77.5 75.7 77.5 77.5 75.9 17.8 77.9 25301 61.3 15.5 75.9 77.9 GE 76.4 75.7 10001 10091 61.6 16.4 77.4 77.5 77.5 85.1 GΕ 51.6 76.4 77.5 77.3 15001 95.5 95.9 U.€ 12301 75.2 95.5 95.5 95.9 95.8 95.8 95.8 75.9 95.3 95.3 95.3 99.3 99.5 99.5 99.9 99.5 99.5 99.8 99.3 10001 97.6 99.3 99.3 99.5 99.5 99.5 99.5 99.3 99.3 78.3 98.3 99.3 19.5 99.5 22.4 98.3 99.3 99.5 99.5 99.5 ١. ٩ 9401 75.3 97.6 99.3 99.3 99.9 8 30 1 78.5 97.9 99.5 99.5 99.8 133.3 1, 5 )).B 100.0 7.201 78.5 97.9 99.1 99.5 99.5 99.8 99.8 79.5 99.8 103.3 133.3 6001 99.5 99.5 99.8 78.5 99.1 99.9 103.3 18.5 99.5 99.5 99.5 99.8 99.8 97.8 99.8 99.8 99.3 100.0 100.0 79.5 78.5 9.301 97.9 97.9 39.1 99.5 99.6 99.8 103.3 111.1 3.10 [ 99.1 99.5 9 7 . 5 99.5 99.8 99.5 99.B 133.3 2301 79.5 97.9 19.1 99.5 99.5 49.5 99.5 27.8 99.8 19. A 99.8 99.3 99.4 1.33.3 1111.1 99.E 103.3 133.3 w. 64 41.4 99.5 99.5 99.5 99.8 99.8 99.8 100.0 100.0

SEUBAL CLIMATOLOGY BRANCH USAFETAC

PROMINENT PROPERTY OF OCCURRENCE OF OCTUING VERSUS VISIBILITY FROM HOURLY DISERVATIONS.

4.50

AIR WEATHER SERVICE/MAC

1

PERIOD OF RECORD: 15-44 CM STREET STATION NUMBER: 615413 STATION NATE: DANAR SENERAL 4348516511: 3507-3333 ETUTNS VISTBILITY IN STATUTE MILES CETUINS TN | GE SE FEET | 17 6 5/9 1/2 5/15 1/4 NO CETE I 27.3 35.4 35.6 35.9 35.8 35.9 55.9 35.4 15.5 15.6 35.6 35.6 15.8 35.8 35.3 06 190001 06 190001 190001 43.7 43.7 43.7 45.9 43.9 43.9 44.1 44.1 44.3 44.3 44.3 44.5 44.3 44.3 44.5 33.6 43.7 44.3 44.3 44.5 44.3 33.h 43.7 44.3 44.5 44.5 33.6 44.1 44.1 44.1 44.1 44.5 44.5 44.5 44.5 SE 140301 45.7 34.6 45.1 45.7 45.7 45.7 46.3 15.2 45.2 46.2 46.2 45.2 45.2 45.2 62.0 61 120301 48.4 53.5 63.9 54.J 54.2 54.2 64.2 64.2 54.2 64.2 54.2 64.2 64.2 of Lunual 49.4 54.2 64.2 64.4 54.6 64.6 64.6 54.5 64.0 54.5 63.6 5 - . 2 64.5 64.5 34.5 54.5 63.0 90301 54.2 64.2 64.4 54.6 64.6 54.6 54.5 64.5 80311 48.4 54.2 64.2 54.2 54.4 54.5 54.5 54.5 54.5 54.5 54.5 64.5 31.3 54.2 i, t 70.101 44.4 63.0 44.2 64-2 54.2 64-4 54 - 6 54.6 64.4 64.5 54.5 4.4 - 5 64.5 63.0 54.6 54.5 60301 49.4 54.2 54.5 54.5 64.5 54.5 54.3 59.9 59.9 59.9 52.6 67.2 55.4 68.4 69.5 69.9 53.3 52.6 67.2 58.4 54.4 58.4 58.8 53.3 G.E 45301 69.4 58.6 58.8 69.5 53.3 40331 52.6 58.4 69.6 53.5 58.3 35 30 1 52.6 67.2 55.4 68.4 58.4 59.4 68.6 53.9 5 3 . H 59.9 58.3 53.3 53.5 59.9 53.3 59.5 70.5 69.5 73.3 25001 69.6 10.3 54.5 54.5 70.5 73.5 71.1 71.1 71.1 1000 69.4 71.1 71.1 71.1 71.1 69.4 79.6 intat 73.5 17.5 73.6 73.5 73.9 71.1 71.1 71.1 71.1 71.1 71.1 71.1 61. 15301 62.8 91.3 81.3 91.) 81.3 81.2 31.4 81.4 31.4 91.4 31.4 91.4 51.4 31.4 90.7 12001 10.101 74.5 97.4 99.3 99.0 33.7 99.2 47.4 49.4 99.4 99.4 99.4 99.4 99.4 99.4 33.4 74.3 74.5 74.5 97.4 97.6 97.6 99.2 99.4 99.4 \$9.4 99.3 99.4 49.4 77.4 930 76.3 79.1 99.1 υE 49.3 99.4 99.4 99.8 99.8 99.8 99.8 99.8 )).s HILP 99.5 99.3 99.3 99.3 77.3 59.6 97.3 1301 630i 74.7 97.6 133.0 100.0 100.0 133,3 133.3 97.8 97.8 97.8 99.2 99.2 99.2 74.7 74.7 99.5 99.8 99.8 133.3 173.3 100.0 100.0 100.0 5.01 99.6 133.3 100.0 100.0 4301 3311 99.5 133.3 100.0 100.0 133.3 99.9 ., ( 74.7 99. ? 99.5 99.5 131.3 100.0 133.3 100.0 133.3 177.7 103.1 1111.1

100.0

99.8 133.0 153.0 130.0 130.0 135.3 103.3 107.0 133.3

100.0

13).)

1111.3

103.0

103.3

100.0

1111.1

TOTAL NUMBER OF GBSERVATIONS:

74.1

97.8

14.1 91.8

77.2

99.5

99.2

99.2

1001

5.1

6.1

99.5

99.5

34.6

49.5

99.5

99.8

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GEOBAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOUSE PASSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL 254100 DE RECORDE 75-34 MONTH: JUL HOURSHISTI: 1207-1177 CETLING IN | GE FEET | 10 VISIBILITY IN STATUTE MILES

SE GE SE SE

2 1 1/2 1 1/4 1 SE SE 3 2 1/2 G.F 5/15 5/8 1/2 3/4 1/4 NO CETE 1 25.1 26.0 26.4 26.4 38.7 38.7 39.2 39.2 39.2 39.2 39.2 39.2 39.4 39.4 39.4 39.4 39.4 39.4 39.4 39.4 39.4 59.4 59.4 GE 200ant 36.9 39.2 37.4 36.9 39.2 37.4 36.9 37.1 39.2 39.2 39.4 39.4 39.4 39.4 39.4 39.4 39.4 39.4 GE 160301 . 2 38.7 39.2 39.2 57.4 14030 43.1 GC 120001 . 2 49.0 52.2 52.5 52.3 52.3 52.9 53.3 53.3 53.3 53.3 53.5 53.3 53.3 53.3 53.3 53.3 52.9 52.9 52.9 53.5 53.5 53.5 SE IUCDOL 49.0 52.2 52 .: 52.8 52.3 52.8 52.8 53.3 53.3 53.3 53.3 53.3 53.3 53.3 53.5 53.5 53.5 53.5 .2 49.0 52.2 90301 52.5 53.5 52.9 52.8 52.8 80301 52.3 53.3 53.3 53.3 53.3 53.3 53.3 53.3 53.5 53.5 53.5 7030 49.0 53.5 ĿΕ 60301 . 2 49.0 52.2 52.3 52.8 52.9 53.3 33.3 53.5 58.3 58.3 58.3 59.0 59.0 59.3 59.0 59.0 59.0 59.5 59.5 59.5 59.5 59.5 59.5 59.5 59.5 59.5 59.5 59.5 59.7 59.7 59.7 50an1 55.1 58.3 59.J 59.3 59.5 59.5 59.5 59.5 59.7 59.7 59.7 59.7 υĹ 5 2 . 7 • 2 C٤ 45001 55.1 58.3 55.1 40001 59.1 6 F 59.5 59.5 58.3 59.5 59.5 57.7 59.7 57.7 GE 35 10 1 55.1 58.3 59.3 59.3 59.5 59.7 30.10 . 2 55+6 58.8 59.9 57.7 59.9 53.1 50.1 63.1 53.1 25001 56.5 59.7 50.1 60.4 65.9 65.9 50.4 55.9 65.9 50.8 55.3 56.3 60.8 66.3 66.3 60.4 60.8 60.8 60.8 51.3 61.3 61.3 51.3 65.8 20301 18301 •2 62.0 62.0 65.1 65.1 55., 65.3 65.3 66.3 55.5 55.5 65.5 55.5 6E 15.101 78.8 83.4 94.3 93.3 34.1 94.1 84.1 84.5 94.5 95.7 84.5 84.5 94.5 95.7 94.7 94.7 84.7 95.9 .5 91.5 97.9 97.9 99.1 99.1 99.1 99.5 99.5 99.5 99.5 97.9 99.3 99.8 99.9 1, E 9301 98., 99.1 99.5 99.5 8001 91.3 97.9 78.7 99.3 99.3 99.3 99.5 99.8 99.8 99.9 99.8 133.3 133.3 103.3 133.3 ūΕ 7001 .5 91.5 97.9 98.9 99.3 99.3 99.3 99.5 39.8 97.8 99.8 99.8 133.3 100.3 100.1 1111.1 .5 .5 .5 91.3 97.9 97.9 99.3 99.5 5501 98.3 99.3 99.8 103.3 4 10 [ 98.7 99.3 100.0 GE 99.3 99.B 99.8 99.9 99.8 100.3 100.0 3301 2301 91.5 97.9 98.9 99.3 99.3 99.3 99.8 99.8 99.B 99.9 133.3 100.0 107.3 111.1 91.3 99.3 υť 96.1 100.0 100.0 111.1 1301 91.3 97.9 98.3 99.5 100.0 100.3 n i - 5 91.1 97.9 98.) .... 99.3 99.1 99.8 30 . R 99.8 99.8 99.8 103.3 103.3 103.5 133.3 ....

TOTAL NUMBER OF OBSERVATIONS:

1

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCUPRENCE OF CEILING VERSUS VISIBILITY TO SECTIONS.

STATION NUMBER: 616413 STATION NAME: JAKAR SENEGAL PERIOD OF RECORD: 75-84 MONTH: JUL HOURS(LST): 1200-1400 . . . . . . . . . . . . . VISIBLLITY 14 STATLITE 41LES DE DE DE DE DE 2 1 1/2 1 1/4 1 IN I GE GE FEET I 10 6 SE SE 3 2 1/2 GE GE 1 3/4 1/2 5/15 1/4 Ĩ. 5/8 NO CEIL I 31.0 31.4 31.4 31.4 31.4 31.6 31.6 31.6 31.6 31.6 31.5 41.5 31.6 31.5 43.3 43.3 43.3 43.1 43.1 43.3 43.3 GE 200J01 43.5 42.7 43.1 43.1 43.3 43.3 45.1 43.1 43.3 43.3 +3.5 43.5 JE 180301 uE 160301 42.1 43.1 43.1 45.1 43.1 43.3 43.3 43.5 43.3 43.3 45.3 43.3 45.5 43.7 57.5 GE LANSOL 41.5 44.1 44.1 44.1 44.1 44.4 44.4 44.4 .... 44.4 ... DE 120301 58.1 58.3 53.5 58.1 53.9 53.9 58.9 of 100001 50.5 59.5 59.5 59.7 59.7 58.9 59.9 59.9 58.9 58.9 59.9 53.9 59.9 55.7 58.9 53.7 Ŀξ 90331 54.6 57.9 58.5 58.5 59.7 59.7 59.7 53.*)* 53.*)* 80301 57.9 58.5 58.9 54.6 53.7 58.7 58.9 54.6 59.9 59.9 59.7 58.5 58.7 58.7 58.9 58.9 54.9 53. 2 54.3 54.9 54.9 64.9 54.9 54.9 54.9 64.9 64.9 54.9 54.9 54.5 64.5 54.7 54.7 54.7 54.9 54.9 54.9 54.9 54.7 64.7 54.7 GΕ 45301 60.6 63.9 40301 63.6 63.9 54.7 35001 63.6 63.9 54.> 64.5 64.7 55.3 54.9 64.9 64.9 54.9 54.7 30001 65.3 73.7 73.7 92.4 55.3 73.7 73.7 65.3 73.7 73.7 92.4 66.3 73.7 73.7 92.4 55.3 73.7 73.7 92.4 65.3 73.7 73.7 92.4 ĿΕ 2530 | 2030 | 61.6 65.3 72.7 55.) 73.3 65.9 73.3 65.1 73.5 55.1 73.5 56.3 73.7 73.7 92.4 72.7 90.6 73.3 73.3 91.8 73.5 73.5 73.7 18001 69.0 73.7 1500 ĿΕ 12361 90.6 97.3 92.6 97.9 99.4 99.9 99.5 133.3 133.3 1000 99.4 100.0 130.3 107.3 930 99.4 99.5 103.0 133.3 130.3 153.5 103.3 133.3 99.4 GE 8001 92.6 97.9 99.4 99.5 99.8 100.0 133.0 133.3 100.0 130.3 133.3 100.0 103.3 133.3 193.3 193.3 99.8 100.0 133.3 99.6 130.0 100.0 ω£ 6001 92.6 100.0 100.0 100.0 130.0 100.0 5 101 99.4 99.4 99.4 99.9 6.6 97.9 99.4 99.4 99.5 103.3 100.0 100.0 100.3 133.3 103.3 100.0 122.3 130.3 97.9 99.4 99.5 99.8 133.3 133.3 100.0 GΕ 3301 92.6 133.0 133.3 133.3 100.0 103.3 100.0 100.0 (,E 1001 92.6 97.9 99.5 100.0 133.0 103.0 100.0 190.0 133.5 103.3 103.3 UE OI 92.6 97.9 ##.\$ 103.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 437

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GLOBAL CLIMATOLOGY BRANCH USAFETAC

#### PERCENTAGE FREQUENCY OF DOCUMENDOOP OF DETUNG VERSUS VISIBILITY

AIR WEATHER SERVICE/MAC STATION NUMBER: 616413 STATION NAME: DAKAR SENESAL PERIOD OF RECORD: 75-34
MONTH: JUL HOURS(LST): 1500-1700 CEILING__ VISIBILITY IN STATUTE MILES SΕ GE SE SE ? 1 1/2 1 1/4 30 3E 5/15 3 5 3 £ FEET | 10 3 2 1/2 NO CEIL ! 32.1 32.1 32.1 32.3 32.3 32.1 32.3 32.3 32.3 32.3 32.3 32.3 PE 500331 41.5 44.5 44.7 44.7 43.8 44.2 44.2 44.2 44.5 44.5 44.5 44.5 44.7 44.7 44.5 6E 160301 41.6 44.0 44.5 44.5 44.5 44.5 44.7 44.7 44.7 44.7 44.7 44.7 44.7 45,6 GE 140.001 42.9 45.1 45-3 45.6 45.8 45.B 45.8 57.1 G€ 12000| 53.3 60.3 63.5 53.5 63.5 63.5 60.5 53.5 63.5 67.5 53.5 63.3 63.3 60.3 60.3 60.3 GE 100001 50.3 60.3 63.5 63.5 63.5 50.5 50.5 50.5 63.5 63.5 50.5 53.5 63.5 53.5 53.5 53.5 63.5 63.5 63.5 63.5 50.5 60.5 50.5 53.5 63.5 57.1 57.1 59.6 50.3 63.5 53.5 53.5 6.E 90301 8030 50.3 53.3 63.5 6E 70301 57.1 59.6 50.3 60.3 60.3 50.3 60.5 50.5 59.5 60.5 63.5 53.5 63.5 53.5 53.5 50101 45301 63.9 54.9 54.8 54.9 64.8 64.6 64.8 54.9 64.8 54.9 54.9 64.3 64.3 64.3 54.3 54.3 54.3 ĿŁ 61.4 63.9 64.3 64.6 64.5 54.5 64.8 64.8 40301 35301 63.9 64.5 64.5 54.8 64.8 64.8 64.9 54.3 64.3 64.6 64.8 64.8 61.4 64.6 64.6 64.8 64.8 30301 2500l 2000l 67.5 76.5 76.7 92.1 68.2 69.2 77.4 GE 68.2 68.2 77.4 68.4 77.7 59.4 68.4 77.7 77.9 64.8 73.1 69.4 77.7 58.4 77.7 59.4 53.5 53.5 77.7 63.5 18301 15001 73.4 87.8 93.3 77.4 77.7 93.2 77.7 93.2 77.9 93.5 77.9 78.1 73.1 6€ 17.9 77.9 93.5 93.5 93.5 93.5 93.7 12301 92.1 10101 98.4 99.1 99.3 99.5 99.5 99.8 99.8 99.8 99.8 97.8 133.3 99.8 103.3 103.3 99.3 ыE 8301 94.1 98.4 98.4 99.5 99.5 99.5 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 103.3 103.3 133.3 7001 ωE 6391 94.1 99.5 99.3 99.5 3 3 . R 99.8 99.4 103.3 103.3 98.4 98.4 98.4 99.3 99.3 99.3 99.3 99.3 99.3 99.5 99.5 99.5 99.5 99.5 99.5 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.8 99.8 5301 94.1 99.8 99.8 99.5 100.0 103.3 úΕ 99.8 94.1 99.8 4301 99.8 1301 97.9 103.3 UΕ 103.3 133.3 2301 98.4 99.3 1301 94.1 99.B IJĹ 98.4 39.5 99.3 99.5 99.9 122.3 103.3 133.3 c1 94.1 98.4 94.3 99.5 99.5 99.8 >>.8 99.8 99.9 99.8 77.9 100.0 100.0 100.0

GLOSAL CLIMATOLOGY BRANCH AIR MEATHER SERVICE/MAC

### PERCENTAGE FREUJENCY OF DOCUMENTS OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

STATION NUMBER: 616413 STATION NATE: DAKAR SEVESAL PERIOD OF RECORD: 75-84 MONTH: JUL - HOURS(LST): 1800-2100 VISIBILITY IN STATUTE MILES CEILINS IN | GL SE FEET | 10 b . 3£ 5E 5E 3 2 1/2 GE GE SE GE 2 1 1/2 1 1/9 3 E SE GF 3 E 5 f 36 ٠, 1 3/4 5/8 1/2 5/15 1/4 NO CETL 1 28.7 24.6 30.0 33.3 33.2 33.2 31.2 33.2 30.2 33.2 33.2 33.2 33.2 GE 200301 43.3 43.5 43.5 43.9 43.9 4 T. 3 43.5 43.7 43.9 43.9 45.0 43.9 GE 160301 GE 160301 GE 140301 42.9 43.5 43.7 43.9 43.9 43.9 45.3 43.9 41.7 43.7 43.7 43.7 43.5 43.5 42.9 45.5 43.3 43.5 +3.7 43.7 43.9 43.7 44.6 45.0 45.3 GE 120301 58.3 61.6 52.4 62.5 52.9 52.8 63.3 53.3 63.3 63.2 63.2 53.2 63.2 66 100001 58.9 62.4 62.4 62.4 63.4 63.4 63.7 63.7 63.7 53.9 53.9 53.9 53.9 53.9 63.9 54.1 54.3 54.1 54.1 64.1 54.3 54.3 64.3 64.3 54.3 64.3 64.3 64.3 64.3 54.3 54.3 64 - 1 54.1 64.1 LE 90301 58.9 53.4 64.3 64.3 64-1 64.3 54.3 64.3 54.3 7000 62.4 63.9 SΕ 60301 58.9 62.4 53.4 63.7 53.9 53.9 64.1 54.1 54.1 64.3 64.3 54.3 54.3 64.3 54.5 67.8 67.8 67.8 50001 68.3 58.3 58.3 69.3 69.3 69.2 69.2 69.2 59.4 GE 64.3 69.2 69.4 69.6 69.5 59.5 67.5 59.4 59.5 45301 40301 69.4 59.4 69.4 59.4 69.4 69.6 69.6 67.6 69.5 59.5 64.3 69.5 69.2 υĘ 64.5 59.5 35301 64.5 69.7 69.2 69.4 69.4 69.6 69.5 30001 73.3 65.3 73.5 69.0 70.) 73.2 73.4 70.4 73.6 73.6 73.6 70.8 73.9 73.5 6E 13.3 65.3 73.6 75.6 75.8 92.8 ĿΕ 69.0 73.9 74.1 70.) 73.6 70.9 75.9 76.0 93.0 73.3 75.9 75.3 93.3 73.3 75.9 75.3 93.3 72.3 25001 73.4 73.6 70.8 73.3 73.2 73.4 75.4 75.6 75.6 75.6 92.8 75.8 76.3 93.3 20301 73.2 74.7 75.2 75.2 75.4 75.4 75.6 75.6 75.8 75.5 75.3 75.3 75.3 (.F 4E 21.3 15001 85.2 90.8 92.2 92.4 92.5 92.6 22.R 91.0 12301 93.6 95.1 95.3 6 L 95.5 95.5 98.9 98.8 99.8 99.5 99.5 G E 10001 99.5 98.5 99.2 99.3 99.3 L E 9001 91.2 96.9 98.3 98.5 99.2 99.4 99.4 99.6 99.6 99.5 77.5 8301 91.2 99.3 99.3 99.2 99.4 99.4 99.5 99.6 99.5 97.5 97.6 99.5 99.0 7301 91.2 96.9 98.5 98.8 99.0 99.4 99.6 6001 99.5 99.6 99.8 99.8 91.2 98.5 99.0 99.3 99.2 99.4 99.4 97.4 99.5 99.8 22.5 99.5 22.5 6F 4 10 ( 96.9 99.6 99.4 **.5 99.3 3301 98.3 99.6 99.6 99.8 99.9 77.3 99.6 97.1 98.3 99.2 99.2 99.6 99.8 97.5 2001 91.2 44.3 1301 97.5 133.7

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREGUENCY OF OCCURPENCE OF CELLING MERSUS MISIBILITY FROM HOURLY OBSERVATIONS

AIR MEATHER SERVICE/MAC

LAZZES SANAG : SPAN VOITATZ CIEGLO : SENEGAL

PERIOD OF RECORD: 75-84 MONTH: JUL H3URS(LST): 2103~2333 SATEM STETATS NE ALLITEISEN CEILING IN | GE FLET | 10 GE GE 5E 3 2 1/2 GE GE GE GE 3E 2 1 1/2 1 1/4 SE 3E 5/15 1/2 1 3/4 5/8 39.3 39.3 NO CETL I 32.1 38.8 38.3 39.3 39.0 39.3 39.3 39.3 47.7 47.7 47.7 49.4 47.7 47.7 47.4 47.7 47.7 47.7 47.7 47.2 47.7 47.7 47.7 6E 180301 39.0 47.2 47.4 47.7 47.7 47.7 47.7 SE 16030 49.2 49.4 49.4 49.4 GE 140301 40.5 49.0 49.3 49.2 43.4 43.4 6E 120301 51.4 63.0 63.7 53.9 54.1 64.1 54.4 54.4 ₽€ 10030} 64.4 64.4 64.4 54.4 54.4 54.4 64.4 54.4 54.4 54.4 54.4 54.4 54.4 64.4 54.4 64.1 54.1 64.1 54.4 54.4 10008 30 51.4 63.0 63.7 63.9 64.4 64.4 64.4 54.4 63.0 63.7 63.9 64.4 64.4 64.4 64.4 54.4 64.4 54.4 64.4 54.4 GE 70001 51.4 63.0 63.7 63.9 64.1 64.4 60001 63.0 75.3 75.3 75.3 75.3 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 17.3 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 77.3 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 GE GE 50301 45301 74.2 74.2 75.5 75.5 75.5 75.5 74.3 74.3 74.3 75.1 75.1 75.1 62.6 40001 35001 62.6 74.2 74.2 75.5 75.5 75.5 75.5 ĿΕ 30.301 75.7 77.3 78.3 78.9 93.3 97.3 77.3 78.8 78.8 75.7 77.3 77.3 77.1 78.6 78.6 77.3 78.8 78.8 77.3 79.8 75.8 77.3 78.5 75.6 77.3 78.8 78.8 GE GE 25001 63.5 76.3 78.2 76.9 78.4 77.3 78.9 77.3 77.3 73.3 77.3 79.8 20301 65.0 75.1 78.2 78.4 89.5 78.9 6E 16301 . 2 78.8 73.9 93.3 97.3 90.3 ьE 12301 . 2 97.1 97.3 98.2 98.2 98.2 99.5 99.6 93.5 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.3 G F 81.1 10001 99.1 99.3 99.8 99.8 1000 . 2 99.1 99.3 99.8 99.9 99.9 GE 8JD| 7JO| . 2 81.1 99.8 99.8 ٥E 6301 81.1 98.2 99.1 99.3 99.5 99.8 79.8 99.8 99.8 99.3 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.3 99.8 99.8 99.8 99.8 98.2 98.2 98.2 99.1 99.1 99.1 99.3 99.3 99.3 99.5 99.6 99.6 99.8 99.8 99.8 99.8 99.8 99.8 77.3 77.3 77.3 ωÉ 5001 R 1 . 1 99.8 4301 3301 99.8 99.8 . 2 6 E 81.1 99.5 99.8 2001 • 2 98.2 99.1 99.8 33 . B 99.8 99.4 90.9 ... 77.3 99.4 GE 1001 . 2 98.4 99.3 99.6 133.3 103.3 133.3 133.3 130.3 100.0 ~~ o₁~ GE .... 99.5 103.3 133.0 133.3 100.0 100.0 100.0 100.0 - .2 81.1 98.4 99.6 99.8 100.0

TOTAL NUMBER OF OBSERVATIONS:

1. . .

GLUBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREILIENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DASERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL PERIOD OF RECORD: JUL : HIVCP HOURSILSTE: ALL VISIBILITY IN STATUTE MILES CEILING GE IN FEET 5E 6 GÉ 5 SE SE 31/2 GE GE GE 2 1 1/2 1 1/4 SE 35 10 1/2 1 5/15 3/4 1/4 5/8 NO CEIL | 30.3 35.2 35.5 35.6 35.7 35.7 35.7 35.7 35.7 35.7 45.7 45.8 45.8 GE 200001 39.3 45.3 45.8 45.9 46.0 46.3 46.3 45.J 45.) 45.) PE 180301 45.4 45.8 46.0 46.3 45.3 45.3 DE 160001 39.4 45.7 45.8 46.0 46.0 45.3 45.4 45.9 46.3 46.0 46.3 46.3 46.3 45.3 46.3 46., 45.9 45.9 47.0 47.3 47.3 GE 120001 52.4 60.8 51.4 61.6 51.7 61.3 51.3 61.3 62.3 62.3 52.3 62.3 62.3 62.3 62.3 61.0 61.0 61.9 62.2 62.2 62.2 62.3 ЬE 100301 52.6 62.2 62.3 62.3 9030 62.3 62.3 62.3 62.3 62.3 52.3 52.6 52.2 52.2 62.2 52.2 62.3 62.3 úΕ 61.0 61.9 62.2 52.3 70301 Ŀ.F 10004 - 1 52.6 61.0 61.4 61.9 62.3 52.7 62.2 62.2 62.3 62.3 59.0 59.0 59.0 68.3 68.4 50001 67.5 67.5 67.5 58.2 58.2 58.2 58.4 66.4 68.5 68.5 68.5 58.5 58.7 68.7 58.7 69.7 69.7 69.7 59.7 68.7 68.7 68.7 68.7 6F 68.6 59.7 55.7 69.7 . i 68.6 4530 69.7 69.7 69.7 53.7 68.7 40001 ٥E 68.7 35001 59.0 67.5 58.2 30001 63.0 69.5 69.7 73.0 73.3 GΕ . 1 68.7 69.7 69.9 70.0 73.0 70.3 73.3 73.3 73.1 69.2 73.1 73.1 73.1 74.0 74.1 ÜÉ 25301 60.5 70.2 74.1 70.3 74.2 74.2 70.4 74.3 74.4 73.5 74.5 74.5 70.3 73.7 73.7 73.5 74.4 73.5 74.4 74.4 70.5 74.4 74.5 70.5 74.4 74.5 73.5 74.4 74.5 73.5 74.5 74.5 73.6 υE 2000 64.1 18301 74.4 74.5 6.5 15001 76.3 86.6 97.5 A7.7 87.8 37.7 99.0 49.1 93.1 89.1 98.1 33.1 83.2 84.2 11.2 12301 81.6 95.5 96.3 95.1 bΕ 95.9 96.0 95.0 95.3 96.0 10301 97.7 99.2 99.3 99.5 77.6 99.6 99.5 99.6 99.7 99.7 97.7 CE 9301 . 1 84.7 98.7 99.1 99.3 99.5 99.7 99.6 99.6 99.5 99.6 99.8 99.7 99.7 99.7 77.7 84.7 97.7 8301 99.2 77.3 99.1 99.2 99.4 6 E 7001 99.4 99.7 29.8 99.8 99.R 90.R 9 2 . R 99.3 99.9 ... 97.8 97.8 ,,,, 97.8 99.1 99.4 99.9 99.5 99.7 99.8 99.8 99.8 97.9 97.5 99.9 99.9 99.9 ??.? 400 i 84.8 99.2 99.8 GΕ . 1 3301 84.8 97.8 99.4 99.8 97.8 99.9 99.8 99.3 2001 84.8 97.8 99.1 99.4 99.5 99.8 99.9 33.R 99.8 99.9 99.3 49.4 GE 01 133.3 100.0

PERCENTAGE FREQUENCY OF DECURRENCE OF CEILING MERSUS MISIBILITY
FROM HOURLY DASERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENESAL

GLOBAL CLIMATOLOGY BRANCH USAFETAC

ATR WEATHER SERVICE/MAC

PERIOD OF RECORD: 75-84 MONTH: AUS 40742(F21): 3303-3533 VISIBILITY IN STATUTE MILES

SE GE SE SE

2 1 1/2 1 1/2 . . . . . . . . . . . . CEILING SE SE FEET 1 10 6 SE SE GE SE SE 2 1 1/2 1 1/4 5 3 2 1/2 5/15 3/4 5/8 1/2 48.3 NO CEIL ! 48.0 48.3 48.7 48.3 48.3 43.3 56.2 6E 20030| 6E 18030| 56.2 56.2 56.2 56.2 57.4 56.2 56.2 56.2 57.4 55.2 56.2 56.2 57.4 56.2 56.2 56.2 57.4 56.2 56.2 56.2 57.4 55.2 55.2 56.2 57.4 56.2 56.2 55.2 55.2 56.2 51.4 55.2 55.2 57.4 42.6 55.2 56.2 CE 16030| GE 14030| 42.6 56.2 56.2 56.2 56.2 56.2 55.2 GE 120301 57.2 77.1 77.1 77.1 77.1 6E 100301 57.4 76.3 76.3 77.1 77.1 77.1 77.1 77.1 77.1 77.1 77.4 77.4 77.4 77.4 77.4 77.4 77.4 77.4 71.4 77.4 77.4 77.4 GE 8030| GE 7030| 77.4 77.4 57.4 57.4 76.3 76.3 77.1 77.1 77.1 77.1 77.1 77.4 77.4 77.4 77.4 77.4 77.4 77.4 11.4 77.4 77.4 t.F 60001 57.4 76.3 77.1 77.1 77.1 77.4 77.4 77.4 77.4 77. . 92.2 GE 10000 62.5 32.2 82.2 82.4 82.4 82.4 82.4 32.4 82.4 82.4 82.2 A 2 . 2 45001 82.2 82.2 82.4 SE 40301 62.5 01.5 92.2 82.2 82.2 82.2 82.2 82.4 82.4 82.4 82.4 92.4 92.4 82.4 32.4 30001 82.8 33.9 93.9 GΕ 63.7 83.5 83.6 83.6 83.7 93.7 33.7 GE 25 201 63.7 64.2 64.2 93.5 94.5 94.5 83.7 84.7 84.7 33.7 94.7 84.7 83.9 33.9 83.9 93.7 45.7 82.8 83.6 83.6 83.6 83.9 83. P 84.5 84.5 92.9 99.2 83.6 83.6 84.5 84.5 84.7 84.7 84.7 84.7 84.7 84.7 84.7 94.7 20001 10001 70.6 73.6 92.9 93.1 93.1 93.1 15 16 ( 92.0 92.9 92.9 93.1 93.1 23.I 95.1 75.1 10301 74.0 98.5 99.3 99.8 99.9 103.0 100.3 130.3 101.1 99.3 99.8 99.8 99.8 GE 9001 74.0 98.5 99.8 99.8 100.0 100.0 130.3 100.0 133.3 100.0 103.3 111.1 8.00 l 98.5 99.8 99.9 100.0 133.3 100.0 130.3 130.3 103.3 74.0 100.0 133.0 100.0 I, E 100.0 130.3 133.3 101.1 133.3 1111.1 6381 74.0 100.0 100.0 530 ĞE 74.0 74.0 98.5 99.8 99.9 133.3 100.0 132.3 133.3 99.3 99.8 100.0 133.3 4301 99.8 100.0 100.0 123.3 103.3 98.5 99.3 99.3 99.9 103.0 100.0 133.3 100.3 I.F 3001 74.0 79.9 133.0 103.0 130.3 103.3 133.3 5201 133.0 74.0 79.5 100.0 100.0 í.F 1001 74.0 98.5 79.3 133.3 131.0 100.0 133.3 100.0 133.3 103.3 103.3 39.4 99.8 99.8 100.0 100.0 100.0 100.0 1,0.0 100.0 100.0 100.0 133.3

TOTAL NUMBER OF OBSERVATIONS:

GE DI 74.0 98.5

GLOGAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

PTILITETET EURSTA ENTITAT TO BENESHOOD TO PENBUGGER BEATNAGERS.

SHOTTAGESTE VARIOR MORE

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

		NUMBER	1: 615413	1 21411								HTVCP	: Aus		(LSI):	3533-35	
	IL IN 3	• • • • •	• • • • • • • •	•••••		• • • • • •	•••••			IN STAT				• • • • • • •	•••••		• • • • • • • • •
F	-	l GE	- GΕ ) 6	GE 5	6E 4	G E 3	SE 2 1/2	GE 2	1 1/2	5E 1 1/4	3E 1	GE 3/4	GE 5/8	3 E 1 / 2	5E 5/15	3 E 1/4	3 E
	CETL		33.4	42.4	42.7	42.9	42.9	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.i =
	20030	ī	37.6	49.8	49.3	49.8	49.8	49.8	49.8	49.8	50.0	50.0	50.3	53.3	53.3	53.3	53.3
υE	18030	ı	39.6	49.8	49.3	49.8	49.5	49.8	49.8	47.8	53.0	59.0	50.3	53.3	53.3	53.3	53.3
LE	16030	i .	39.6	49.8	49.3	49.5	49.8	49.5	49.8	49.8	53.0	50.0	50.0	53.3	50.0	53.3	53.3
υŧ	14075	ı	43.0	50.7	50.1	50.7	50.7	53.7	50.7	53.7	53.9	59.9	50.9	53.9	53.9	53.9	53.7
GE	15000	l	55.5	69.0	69.4	69.4	59.4	69.4	69.4	59.4	69.7	69.7	69.9	69.9	69.9	69.9	59.9
υE	10000		55.5	69.0	69.7	69.7	69.7	69.7	69.9	59.9	73.1	70.1	70.4	73.4	73.4	73.4	73.4
Ŀξ			55.5	69.J	69.1	69.7	69.7	69.7	69.9	69.9	73.1	70.1	70.4	73.4	73.4	73.4	73.4
G E			55.5	69.0	69.7	69.7	59.7	59.7	69.9	59.9	73-1	70.1	70.4	73.4	73.4	73.4	73.+
	1070		55.5	69.0	59.7	69.7	69.7	69.7	69.9	59.9	73.1	73.1	70.4	73.4	73.4	73.4	73.4
υŧ	PD30	1	55.5	69.U	59.7	69.7	69.7	59.7	69.9	59.9	73.1	70.1	70.4	73.4	73.4	73.4	73.4
υE			59.7	73.2	" 73.⊋ "	73.9	73.9	73.9	74.2	74.2	74.4	74.4	74.6	74.6	74.5	74.5	74.5
υE			59.7	73.2	73.7	73.9	73.9	73.9	74.2	74.2	74.4	74.4	74.6	74.5	74.5	74.6	74.5
L.E			59.7	73.2	73.7	73.9	73.9	73.9	74.2	14-5	74.4	74.4	74.6	74.5	74.5	74.6	74.5
υE	3500		59.7	73.2	73.7	73.9	73.9	73.9	74.2	74.2	74.4	74.4	74.6	74.6	74.5	74.5	74.5
ьf	30.10	l	61.6	75.6	76.3	76.3	76.3	76.3	76.5	75.5	76.8	75.9	77.3	77.3	77.3	77.3	11.3
G E			61.6	75.6	76.5	76.3	76.5	76.3	76.5	76.5	75.8	76.9	77.0	77.0	77.3	77.3	11.3
υ£			62.3	76.3	77.)	77.0	77.0	77.0	77.3	77.3	77.5	77.5	77.7	77.7	77.7	77.7	77.7
υE			62.3	76.3	77.)	77.3	77.0	77.3	77.3	17.3	11.5	77.5	77.7	77.7	77.7	77.7	77-7
C E			72.0	88.2	98.7	88.9	89.9	88.7	89.1	39.1	97.3	39.3	89.5	39.5	87.5	89.6	37.5
υE	1530	ı	76.1	94.5	95.3	95.3	95.3	¥5.3	95.5	35.5	95.7	95.7	96.0	95.3	95.3	95.3	95.3
			79.9	98.3	99.1	99.1	99.1	99-1	99.3	99.3	99.5	99.5	99.8	99.9	99.3	99.8	99.3
UΕ			79.9	98.3	99.1	99.1	99.1	99.1	99.3	99.3	99.5	99.5	99.8	99.8	99.8	97.5	99.3
68			79.9	98.6	99.5	99.3	99.3	99.3	99.5	39.5	99.8	99.5	100.0	133.3	100.0	100.3	133.3
υE		•	79.9	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.B	99.8	130.0	133.3	100.0	100-0	133.3
٥E	630	I	79.9	98.6	79.5	99.3	99.3	99.3	99.5	99.5	99.8	99.5	100.0	133.3	103.3	100.0	133.3
GE			79.9	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.8	99.9	100.0		100.3		
GE			79.9	98.6	99.3	99.3	99.3	99.3	99.5	99.5	99.8	99.9	100.0		100.0		133.3
6E			79.9	98.6	99.3	99.3	99.3	99.3	99.5	99.5	97.8			133.3			133.3
GΕ			79.9	98.6	99.5	99.3	99.3	99.3	99.5	99.5	97.8	99.5	100.0		100.0		133.3
GΕ	100	I	79.9	98.6	99.3	99.3	99.3	99.3	99.5	79.5	99.8	99.6	130.3	133.3	100.0	103.3	133.3
ÚΕ		T	79.9	98.6	99.5	99.3	99.3	99.3	99.5	99.5	99.8	99.8	100.0	100.0	100.0	100.0	133.3

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF DOCUMENTS OF CEILING WERSUS VISIBILITY FROM HOCKLY DASCRAFTIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SEVESAL PERIOD OF RECORD: 75-34 MONTH: AUG HOURS(LS 43035(LST): 3603-3333 VISTATLITA IN STALTLE ALLES GE GE SE SE ję . GE 6 F IN FLET GÉ GE GE SE 2 1 1/2 1 1/4 GE GE SE 35 ŝΕ 10 2 1/2 3/4 5/15 ົລ 1/2 1/4 NO CEIL 1 .2 25.1 34.3 34.3 34.3 34.3 34.3 34.3 34.3 34.3 34.3 34.3 34.5 34.3 34.3 GE 20030| GE 18030| 11.9 42.8 42.9 42.8 42.8 42.8 44.3 42.6 42.4 42.8 42.9 42.9 42.8 42.8 42.8 42.3 42.8 42.3 42.3 31.9 42.3 42.8 42.3 . 2 42.6 43.8 42.3 42.8 44.3 42.8 42.8 44.3 42.9 44.0 42.8 44.3 42.8 44.3 42.9 44.3 42.8 44.3 42.8 42.3 44.3 42.3 GE 160301 31.9 GE 120001 . 2 51.9 67.7 58.5 68.5 68.5 68.5 68.5 58.5 69.5 68.5 68.5 69.5 53.5 69.5 53.5 51.9 51.9 51.9 67.9 67.9 GE 100001 . 2 58.) 58.) 68.9 68.9 68.9 69.9 68.9 68.9 68.9 58.9 58.9 69.9 58.9 53.9 68.9 68.9 68.9 68.9 69.9 59.9 53.9 58.9 53.9 63.9 63.9 59.9 59.9 68.9 10000 10008 • 2 68.9 58.7 68.9 68.7 58.9 58.9 68.9 69.9 53.9 GE 7000 •2 51.9 51.9 68.9 59.9 67.9 58.7 58.9 68.9 58.9 GΕ 60301 68.9 58.9 69.9 68.9 68.9 63.9 69.9 68.9 53.7 •2 70.6 71.7 71.7 71.7 71.7 71.7 71.7 71.7 GΕ 54.1 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 50301 71.7 71.7 71.7 71.7 71.7 71.7 71.7 54.7 54.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 G.E 45001 70.6 71.7 40301 70.6 71.7 ĿΕ GE 35301 . 2 54.7 70.6 71.7 71.7 71.7 71.7 71.7 71.7 30001 55.3 72.6 74.9 74.9 72.6 74.9 74.9 72.6 74.9 74.9 72.6 74.9 74.9 72.6 74.9 74.9 72.6 74.9 74.9 72.6 74.9 74.9 .2 71.5 74.9 74.9 74.9 74.9 20301 74.7 74.9 74.9 Ŀ€ 74.9 74.7 57.4 1830 73.6 74.9 14.7 86.6 45.6 97.3 95.5 97.3 15001 84.9 96.2 86.6 95.6 86.6 85.6 86.5 35.5 85.5 . 2 97.4 97.4 97.4 99.5 99.8 99.8 97.8 99.8 99.8 99.8 iosof 76.2 99.5 99.8 99.8 99.5 99.5 υE 9301 . 2 76.2 99.5 99.5 99.8 99.8 99.3 930 I 730 I • 2 16.2 76.2 99.5 99.5 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.5 99.8 99.8 99.5 99.3 99.8 )).3 97.4 Ģ€. 6301 99.8 99.5 .5 97.4 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GE 5001 76.2 99.6 99.8 4301 76.2 99.5 99.5 77.8 99.9 . 7 ĿΕ 300 J 200 J •2 97.4 97.7 99.3 99.5 99.8 99.5 99.8 100.3 97.9 99.3 99.5 133.3 76.2 99.8 99. A 27.8 99.8 103.3 100.0 1301 . 2 76.4 97.7 100.0 100.0 100.0 100.0 100.0 133.3 100.0 100.3 103.3 133.3 - -- 01 6Ē .2 76.4 97.7 99.3 100.0 100.0 100.0 133.0 103.0 100.0 100.0 100.0 100.0 100.0 111.1

TOTAL NUMBER OF OBSERVATIONS: 47

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC SESCENTAGE ESCULENCY OF OCCURRENCE OF CETITIAL AESPROADILITA

PERIOD OF RECORD: 75-34

STATION NUMBER: 616413 STATION NAME: DAKAR SENESAL

MONTH: AUS CE IL INS 23JIM STUTATO NI YTIJIEISIV IN | GE FEET | 10 3£ ____ GE 6E 3E 3E 4 3 2 1/2 3.5 SE SE SE SE 2 1 1/2 1 1/4 GΕ 3 € 3.5 ັງ NO CETE 1 24.2 25.2 25.2 25.2 25.2 25.2 25.2 25.2 25.2 25.2 25.2 25.2 25.2 25.2 36.3 36.3 36.3 PE 500001 35.5 36.3 36.3 36.3 35.3 36.3 33.5 33.5 35.5 35.5 36.3 36.3 35.3 UE 180301 36.3 35.3 35.3 36.3 36.3 35.3 35.3 35.3 PE 100301 36.3 36.3 35.3 36.3 36.3 35.3 35.3 35.3 35.5 6E 140301 35.4 37.5 38.5 38.3 38.3 38.3 38.3 33.3 39.3 38.3 PE 150001 60.2 65.1 65.3 65.3 65.3 65.0 55.0 65.0 65.3 55.3 55.3 65.3 65.3 55.5 GE 100001 60.2 65.0 65.0 55.0 55.0 65.0 65.0 65.0 55.0 65.0 65.0 65.0 65.0 65.0 65.0 55.0 65.3 55.3 65.J 65.3 65.3 65.3 65.3 90201 60.2 64.2 55.) 65.) 55.J 55.J 55.3 anon! 55.3 65.3 65.3 55.5 70301 60.2 64.2 65.3 65.3 65.J 65.3 65.0 55.0 65.0 65.3 65.3 65.3 65.3 60.2 65.0 35.0 65.0 65.0 65.3 65.3 55.5 64.0 50001 68.0 68.8 69.3 68.8 68.8 69.8 68.3 68.8 68.8 68.8 58.8 58.8 58.9 59.5 68.8 58.9 69.3 69.8 69.3 63.9 63.3 68.3 68.9 68.8 58.8 58.8 68.8 68.8 69.9 69.9 45301 64 - U 66.0 68.9 58.8 40301 64.0 68.0 68.8 63.8 6E 35,301 64.D 68.0 68.3 68.9 63.3 58.9 58.8 58.8 68.8 59.9 68.8 69.9 69.3 59.3 30001 25001 65.0 69.3 70.3 70.3 70.3 70.0 70.0 70.0 73.3 70.0 70.0 GΕ 80.1 83.9 90.9 81.1 33.9 93.9 93.9 81.1 83.9 83.9 10001 75.6 75.8 90.7 83.9 83.9 80.4 91.1 81.1 81.1 31.1 91.1 91.1 81.1 95.7 15001 90.7 95.5 96.5 96.5 96.5 96.5 26.5 96.5 95.5 96.5 75.5 95.5 95.5 97.3 12301 93.2 99.1 99.3 95.2 99.0 99.3 99.3 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 GΕ 10001 98.2 99.1 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 93.2 93.2 98.2 99.1 99.2 99.7 99.7 С£ 8001 98.2 99.3 99.2 99.2 99.2 7301 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 6 E 6301 93.2 98.2 99.1 99.3 99.2 99.2 99.2 99.2 99.2 99.2 93.2 99.3 99.2 99.2 99.2 99.2 99.2 99.7 i.F 5001 98.2 99.3 99.2 39.2 99.2 99.2 93.2 98.2 99.3 99.2 29.2 99.2 99.2 4301 99.2 99.2 99.2 99.2 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 G.F 3001 93.5 98.5 99.5 39.5 133.3 5701 99.5 1301 98.5 99.5 99.5 09.5 93.5 98.5 6 E 99.? 99.2 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 133.3

TOTAL NUMBER OF OBSERVATIONS: 3+7

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GEOBAL CLYMATILOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CETEING VERSUS VISIBILITY

FROM HOURLY DESERVATIONS

AIR MEATHER SERVICE/MAC

STATION NUMBER: 616413 STATION NAME: DAKAR SENESAL PERIOD OF RECORDS: 75-34 4374216211: 1533-1433 STILL SIFIES NI ALITEISIA CEILING 3£ 35 3 2 1/2 IN I GE FEET | 10 3E 6 5 <u>5</u> 3 € 3.5 3/4 5/15 5/8 1/2 1/4 NO CEIL I 27.6 29.3 50.3 33.3 30.3 30.0 30.0 33.3 33.3 30.2 33.2 33.2 33.2 30.2 33.2 44.3 44.3 44.3 40.3 SE 200301 43.1 45.4 4 T . A 43.8 43.8 44.7 44.3 44.3 44.3 45.8 43.3 43.9 43.8 43.9 44.3 43.3 44.3 43.1 44.6 43.3 43.8 45.3 43.8 43.8 43.8 44.3 44.3 66 160301 43.3 43.8 44.3 44.3 GE 14030 GE 120301 59.5 63.6 54.4 64.4 54.4 64.7 54.7 64.7 64.9 64.9 54.9 64.7 64.9 54.7 59.5 59.5 59.5 SE 100301 63.6 63.6 64.4 64.4 64.4 64.4 64.4 54.4 54.4 54.4 64.7 64.7 54.7 54.7 64.7 64.7 64.9 54.9 54.9 64.9 64.9 64.9 54.7 64.9 54.9 64.9 64.7 54.9 54.9 64.7 64.7 80001 54.4 54.7 64.7 ĿΕ 63.6 54.4 64.4 64.4 54.9 54.7 54.7 64.9 54.7 10001 59.5 59.5 64.7 6 E 60301 . 2 63.6 54.4 64.4 64.4 64.4 64.7 64.9 64.9 64.9 54.7 64.9 54.7 .2 ĢĒ. 62.1 51.3 61.2 57.2 67.2 67.2 57.2 67.2 67.5 50301 67.2 67.2 61.5 67.5 57.5 66.2 57.0 67.5 45001 40001 62.3 67.5 57.5 67.5 57.7 57.7 67.7 57.7 51.1 57.7 66.4 67.7 66.4 67.2 67.2 67.7 35001 62.3 66.4 57.2 67.2 67.5 57.5 67.5 67.7 57.7 67.7 57.7 10301 62.5 51.3 67.5 57.9 υE . ? 66.6 67.5 57.5 67.9 57.7 25 191 58.3 30.1 80.1 68.5 80.2 8J.2 58.5 33.2 33.2 69.5 93.2 93.2 69.3 58.3 68 . B 68.8 69.9 55.3 97.5 93.5 93.5 97.5 2070| 74.4 79.1 79.1 80.0 90.0 83.3 80.5 80.6 37.5 87.5 83.5 33.5 33.5 15 10 1 89.4 95.4 97.1 97.3 97.3 97.3 97.2 97.2 97.2 97.5 97.6 97.6 97.6 99.6 υE 10371 103.3 100.0 9301 . ? 91.4 97.8 99.1 99.1 99.1 99.1 99.5 79.5 100.0 100.0 100.0 133.3 100.0 133.3 97.8 91.4 99.1 99.1 99.6 99.6 99.6 100.0 100.0 100.0 103.3 7301 100.0 ωŁ 79.1 99.1 99.1 100.0 133.3 133.3 100.0 6.101 100.0 99.1 99.1 99.5 99.6 133.3 100.0 91.4 91.4 97.8 97.8 99.1 100.0 77.6 ωŁ 4 J D İ . 2 19.1 133.3 100.3 103.0 133.3 97.6 97.6 3301 91.4 99.1 99.1 99.1 97.1 97.6 19.5 99.6 100.0 100.0 100.0 100.3 100.0 100.0 91.4 99.1 99.6 39.1 99.6 100.0 130.3 100.0 1015 29.1 99.1 100.0 100.0 100.0 99.6 100.0 100.0 100.0 100.0 ь£ οĪ 97.6 99.1 99.1 99.5 19.5 99.6 130.3 100.0 103.3 100.0 100.0 100.0

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

# PERCENTAGE FREIDINCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

PERSON OF RECORD: 75-84

STATION NUMBER: 616410 STATION NAME: DAKAR SENERAL

HONTH: AUS 43742(121): 1203-1137 VISTALLITY IN STATUTE MILES GE SE SE SE SE 2 1 1/2 1 1/4 1 SE SE 3 2 1/2 IN GΕ FEET 10 3/4 3/8 142 5/15 1/4 NO CETE ! 26.0 43.6 43.6 PE 5003U1 44.3 44.3 44.5 44.) 44.3 44.3 44.5 44.3 44.3 44.3 44.3 44.3 44.5 6E 180301 43.6 43.8 44.3 44.5 44.5 44.5 44.3 44.3 44.5 16030 45.8 44.3 44.3 44.5 44.5 43.6 45.3 GE 140001 41-1 44.3 45.0 45.3 45.3 45.3 45.5 45.5 GE 12000) 63.6 64.7 63.6 55.0 55.0 55.0 65.0 65.0 65.0 65.2 55.2 55.2 100301 54.3 64.3 54.3 65.0 65.0 65.0 65.0 64.0 64.7 55.3 65.7 55.0 65.2 53.2 65.2 65.2 65.2 55.2 55.2 90001 60.6 8000 63.6 64.0 64.7 65.0 65.3 70001 65.3 65.3 65.2 65.2 6 63.6 64.0 64.5 64.7 55.0 55.0 55.? 55.2 55.2 60001 50J0| 4530| 69.8 70.3 70.8 70.8 73.9 73.8 73.8 73.8 73.8 73.8 70.8 73.3 71.3 71.0 73.6 71.3 11.3 69.8 13.5 71.3 66.4 71.3 71.) 69.8 73.8 73.8 70.8 70.9 73.8 73.8 73.8 70.9 70.8 71.0 71.3 71.3 G.F 49301 70.3 79.6 73.8 71.3 71.3 35001 υE 66.4 70.3 73.5 73.8 71.3 30001 66.9 70.3 71.3 71.8 71.8 71.8 25.30 | 20.00 | 68.6 77.9 77.9 72.0 82.2 12.1 93.1 73.3 83.2 73.5 73.5 83.7 73.5 83.7 73.5 33.7 33.7 73.5 83.7 73.5 93.7 97.1 73.7 83.9 83.9 97.3 73.7 73.7 93.7 83.7 97.3 71.7 u E G E 83.9 35.7 83.7 97.1 82.2 95.1 83.7 83.7 97.1 93.7 83.7 97.3 υE 18001 43.1 83.2 93.7 31.7 15001 GE. 96.6 90.0 16.1 ( , F 12301 92.0 97.1 98.8 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.5 98.) 98.) 98.8 98.9 99.3 99.3 99.3 99.3 99.3 97.5 97.5 inuni 92.0 97.3 99.5 99.5 77.5 9001 92.0 99.3 99.9 ( , **f** 8301 92.0 97.5 98.2 99.3 99.5 99.3 99.3 99.8 97.3 99.3 99.3 700 98.3 27.3 99.3 ⊕£ 6001 92.0 27.5 98.5 99.9 99.3 99.5 97.3 99.3 99.9 99.8 G.E PP.3 99.3 99.8 5001 92.0 97.3 99.3 99.3 99.3 99.3 77.3 99.3 35.5 99.9 98.9 99.J 99.0 99.3 99.5 99.5 99.3 99.5 99.5 4501 3301 92.0 97.5 99.3 99.3 99.5 99.5 99.3 99.3 100.0 99.3 100.0 99.3 133.3 130.3 G E 78.1 103.3 2301 92.2 97.6 98.3 99.5 99.5 99.5 99.5 100.0 133.1 100.3 102.3 133.3 97.6 99.3 99.5 99.5 1001 99.5 99.5 27.5 6E 92.2 73.3 130.3 133.3 100.0 103.3 100.0 --- 92.2 97.6 99.5 100.0 100.0 100.0 100.0 100.0 99.5 77.5 98.3 99.3

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

## PERCENTAGE FREQUENCY OF OCCUPATIONS OF CEILING VERSUS VISIBILITY FROM HONALD ACTIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SEVESAL

PERIOD OF RECORD: 75-84 MONTH: 007 HOURS(LST): 0300-0500

								· • • • • •				HIVOP	• • • • • • •	10013	(LST):	• • • • • •	
 CEIL	INS				_					IN STAT							
IN		GL	GΕ	G٤	GĒ	GΕ	5 E	GE	äΕ	3 E	3€.	GE	GE	3	غذ	3.5	3.5
FEE			6	5		3	2 1/2	2	1 1/2	1 1/4	j	3/4	5/B	1/2	5/15	1/4	3
••••		• • • • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • • •			• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •			••••••
NO C	ETL 1		24.9	48.1	60.7	63.7	62.5	62.5	63.5	53.5	63.5	63.5	63.5	53.5	53.5	63.5	53.5
.,				****	0001	63.1	52.5	02.03	0.2.5	33.3	0.45	53.3	57.5	• , • ,	37.7	0,.,	
 _GE 2	Locoo		29.0	56.2	69.3	69.3	71.0	71.0	12.0	72.0	72.0	72.3	72.3	72.3	12.3	12.1	72.1
	80301		29.0	56.2	59.3	69.3	71.3	71.0	72.3	12.0	72.3	72.3	72.3	72.3	12.3	72.3	72.3
ŭ€ 1	10004		29.0	56.2	69.5	69.3	71.0	71.0	72.0	12.0	72.0	72.0	72.0	12.3	72.)	12.3	12.3
	40301		29.7	56.9	70.3	70.3	71.8	71.9	72.8	72.8	72.8	72.8	72.8	12.3	72.3	72.8	72.3
	20301		36.0	65.7	78.3	79.8	83.9	93.7	81.9	31.9	81.9	81.7	91.9	31.7	31.7	81.7	32.1
•			,,,,			. ,	0.00,	30.	••••		••••					••••	
LE I	10000		36.3	66.0	79.1	79.1	81.1	81.1	82.1	92.1	82.1	82.1	82.1	82.1	82.1	42.1	32.4
6 E	90301		36.3	66.D	79.1	79.1	81.1	81.1	82.1	32.1	82.1	82.1	B 2 - 1	92.1	82.1	82.1	32.4
6 E	10008		36.3	66.0	79.1	79.1	81.1	81.1	82.1	92.1	82.1	82.1	82.1	82.1	82.1	87.1	32.
GE	70301		36.3	66.0	19.1	79.1	81.1	81.1	82.1	92.1	82.1	82.1	82.1	82.1	82.1	82.1	92.4
GΕ	60301		36.3	66.0	79.1	79.1	91.1	81.1	82.1	32-1	92-1	82.1	92.1	32.1	32.1	82.1	32.4
			•			-		_									
 - <b>ί</b> ξ	50301		50.6	80.4	93.5	93.5	95.5	95.5	96.5	96.5	95.5	96.5	96.5	95.5	95.5	96.5	75.7
(, E	45301		50.6	80.4	93.5	93.5	95.5	95.5	96.5	76.5	95.5	96.5	96.5	95.5	95.5	95.5	76.7
GE	40301		50.6	80.4	93.5	93.5	95.5	95.5	96.5	₹6.5	96.5	96.5	96.5	95.5	96.5	96.5	95.7
GE	35 301		50.6	80.4	93.3	93.5	95.5	95.5	96.5	₹6.5	95.5	96.5	96.5	95.5	95.5	95.5	95.7
G.E	30701		50.9	80.9	94.)	94.3	96.3	95.0	97.3	77.0	97.3	97.3	97.3	97.3	97.3	9.7 . 3	31.2
· 6E -	25 30 I		50.9	80.9	94.1	94.0	96.0	96.3	97.3	97.0	97.0	97.3	97.3	97.0	97.3	97.3	¥7.2
ψĒ	50701		50.9	80.9	94.)	94.0	96.0	96.3	97.2	97.2	97.2	97.2	97.2	97.2	91.2	97.2	97.5
GΕ	1830		50.9	80.9	94.3	94.0	96.0	96.0	91.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.5
is F	15001		53.9	81.9	95.1	95.0	97.0	97.0	98.2	₹8.2	99.2	98.2	98.2	99.2	93.2	93.2	93.5
υE	izani		51.6	82.9	96.1	96.3	98.3	98.0	99.2	99.2	97.2	99.2	99.2	99.2	99.2	99.2	99.5
Ú É	10001		51.6	83.1	96.2	96.2	98.2	99.2	99.5	99.5°	99.5	99.5	99.5	77.5	97.5	99.5	99.7
G E	9101		51.6	83.1	96.2	96.2	98.2	78.2	99.5	PP.5	99.5	99.5	99.5	99.5	97.5	99.5	99.7
ĿΕ	800		51.6	83.1	96.2	96.2	98.2	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	97.5	99.7
υE	730		51.6	83.1	96.2	96.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	97.5	99.7
6.6	6301		51.6	83.1	96.2	96.2	98.5	98.5	99.7	39.7	97.7	99.7	99.7	<b>**.</b> 7	99.7	97.7	133.3
 	5301	<del>-</del>	51.6	83.1	96.2	96.2	98.5	98.5	99.7	99.7	97.7	99.7	99.7	99.7	99.7	99.7	133.3
üΕ	4301		51.6	83.1	96.2	96.2	98.5	98.5	99.7	39.7	99.7	99.7	99.7	99.7	99.7	99.7	133.3
6 E	3301		51.6	83.1	96.2	96.2	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	133.3
GΕ	2301		51.6	83.1	96.2	96.2	98.5	98.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	133.3
GE	1301		51.6	83.1	76.2	96.2	99.5	78.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	133.3
6 E	0 (		51.6	83.1	96.2	96.2	98.5	98.5	99.7	<b>*7.7</b>	99.7	99.7	99.7	99.7	99.7	97.7	133.3

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESERVATIONS

PERIOD OF RECORDS: 75-84 SILEFUCH TOO SHIFFOR STATION NUMBER: 616413 STATION NAME: DAKAR SEVESAL HOURS(EST): 1303-2231 ATZIBILLIA IN ZIVITE ATTEZ GE . GE . 3 . 2 1/2 GE SE SE 2 1 1/4 3.0 6 £ 3E 3 € 3/4 NO CEIL I 22.8 47.7 58.7 58.7 63.2 50.2 61.3 51.3 51.0 61.0 61.0 61.3 51.3 61.3 51.3 GE 200301 29.3 58.9 72.0 72.3 72.3 72.3 70.3 70.5 72.8 72.8 72.8 72.9 72.8 72.3 12.9 72.9 29.3 29.3 29.9 72.8 72.8 73.7 12.8 12.8 13.1 72.9 72.8 73.7 72.8 72.8 73.7 72.9 72.9 73.7 GE 19030| 58.9 70.5 70.5 70.5 72.0 72.8 72.8 72.3 72.5 70.1 72.0 72.3 12.3 6F 14030 59.8 71.7 72.8 72.8 73.7 73.7 73.7 PE 150301 34.6 67.8 90.1 83.3 81.7 31.7 82.6 32.6 92.6 92.5 82.6 82.6 82.5 82.6 32.5 GE 100001 34.6 82.0 82.8 82.8 82.5 68.0 80.3 83.5 82.3 82.8 32.8 82.9 82.9 82.8 82.8 82.3 82.8 80.3 90001 68.0 82.3 GE 80301 82.8 82.8 82.3 34.6 68.0 82.8 82.9 8 Z . B 92.9 82.0 82.8 32.3 92.8 70001 34.6 68.0 80.3 80.5 82.0 82.0 82.8 82.8 **82.8** 82.8 82.8 82.9 82.8 32.8 GΕ 60301 34.6 68.0 80.5 80.5 82.3 82.3 82.8 92.8 82.8 82.8 32.8 82.3 82.8 32.3 95.6 95.6 5030 48.3 81.7 94.) 96.5 96.5 95.5 GE 45301 95.6 95.6 96.5 96.5 95.5 96.5 95.5 94.2 95.5 35.5 403n1 35301 81.7 94.1 94.2 96.5 96.5 96.5 96.5 48.3 96.5 96.5 95.5 95.5 6E 95.6 96.5 96.5 95.5 96.5 95.5 30301 82.0 25001 94.4 95.9 95.9 95.9 96.9 96.9 96.9 95.9 GE 50201 94.6 96.9 95.9 96.9 40.8 82.2 96.1 96.1 95.9 υE 82.2 94.4 94.6 96.1 96.1 97.3 96.9 98.1 96.9 99.1 95.9 98.1 96.9 95.7 GE 18301 48.8 96.9 96.9 95.9 75.7 6 E 15001 49.2 98.1 93.1 98.1 79.1 12301 50.0 97.5 97.5 ⊌£ ⊌£ 10101 85.3 97.7 99.2 99.2 100.0 133.3 100.0 100.0 103.3 103.3 50.2 100.0 103.3 50.2 100.0 100.0 100.0 8301 50.2 85.3 85.3 97.5 97.1 91.1 99.2 99.2 100.0 133.0 100.0 100.0 100.0 100.0 103.3 103.3 133.3 1001 50.2 97.5 100.0 130.0 100.0 100.0 103.3 ьE 630 50.2 97.5 97.7 99.2 100.0 133.0 100.0 100.0 100.0 133.3 100.3 100.0 G E G E 5.30 50.2 97.7 91.7 99.2 103.3 A5.3 99.2 100.0 111.3 122.5 100.0 100.0 133.3 101-1 97.5 50.2 85.3 100.0 133.3 193.0 100.3 103.3 4001 133.3 97.1 91.1 99.2 100.0 100.3 6 F 3.101 . 2 50.2 85.3 97.5 99.2 100.0 133.0 130.0 133.3 103.3 103.3 177.7 133.0 100.0 1001 . 2 50.2 85.3 97.5 97.7 99.2 99.2 100.0 133.0 100.0 100.0 130.3 111.1 173.3 100.0 133.3 50.2 GE 01 . 2 85.3 97.5 97.7 99.2 99.2 103.0 133.3 100.0 100.0 100.0 133.3 100.0 103.3 133.3

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREDJENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY DISERVATIONS

AIR WEATHER SERVICE/MAC PERIOD OF RECORD: 75-34 MONTH: SEP HOURS(LST): STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL CE CE SE SE AISISTITIA IN SIVINIE ATTÉS CEILINS GE GE S.F 2 1 1/2 1 1/4 5/8 NO CEIL I . 1 30.7 37.3 39.5 39 . 7 40.3 40.3 40.6 40.7 43.7 40.9 40.6 47.8 43.9 43.9 43.9 6F 200301 41.8 53.5 54.3 54.3 54.9 54.8 54.9 54.8 54.8 54.8 54.9 50.7 53.4 41.8 50.7 50.7 53.4 53.5 54.3 CE 18030 54.7 54.7 55.9 UE 160301 54.3 54.7 54.7 54.9 54.9 55.1 54.9 54.7 GE 140301 42.8 57.2 54 · 1 12 · 8 54.2 73.6 73.6 74.2 74.0 74.1 74.3 74.5 74.5 74.5 74.5 74.5 57.3 73.9 74.3 74.3 74.3 74.5 74.5 74.5 GE 10030 72.7 74.3 74.3 74.3 69.6 73.1 74.2 74.4 74.5 57.3 57.3 57.3 57.3 74.5 74.5 74.5 GE 69.6 12.) 73.1 73.1 73.8 73.8 73.8 73.8 74.2 74.2 74.4 74.4 74.5 74.5 9000 8030 7030 69.6 72.3 73.1 73.8 73.8 74.2 74.3 74.3 74.4 6000 12.7 73.1 74.5 75.8 79.3 80.7 61.3 81.3 GE 5030 64.2 76.5 83.0 83.7 81.2 91.4 81.1 31.2 81.4 81.4 61.3 79.3 79.3 79.3 64.2 64.2 81-1 81-1 81-1 81.4 81.4 91.4 81.4 81.4 ĠΕ 45301 76.5 80.0 80.7 30.7 81.2 81.3 81.4 31.4 4010 76.5 83.0 80.7 81.2 81.2 GE 35001 76.5 80.0 80.7 80.7 81.2 A1 . 2 A1.3 81.3 32.3 65.5 33.1 B3.1 95.9 83.0 83.2 85.3 83.2 80.7 85.3 B5.3 85.8 85.9 95.3 üΕ 20301 94.3 84.5 85.7 35.8 35.3 1030 68.0 75.6 80.9 94.4 84.6 95-1 ÚΕ 15001 89.3 94.3 94.3 94 . A 94.9 94.9 95.0 95.0 95.1 95.1 95.1 25.1 12301 97.7 GΕ 1070 78.7 78.7 93.6 98.1 99.3 99.3 99.6 99.7 99.7 99.9 99.8 97.9 97.9 99.9 υE 99.9 800 l 78.7 78.7 93.6 98.2 98.2 99.0 99.3 99.9 99.9 99.9 GE 98.3 99.6 99.7 99.7 99.5 99.9 133.3 98.3 99.6 99.7 99.7 99.8 133.3 GΕ 6001 78.7 93.7 98.1 98.2 99.3 100.0 93.7 L.E Sini 78.7 95.2 99.3 100.0 103.3 . 1 ิจ ส . า 99.3 99.5 39.7 99.8 99.9 99.9 99.9 111.1 4001 78.7 78.7 93.7 98.3 98.2 99.0 99.7 99.8 99.9 99.9 99.9 99.6 133.3 3.20 98.3 98.2 99.0 99.0 99.6 99.8 99.9 99.9 99.9 100.0 103.3 133.3 100.0 1.101 78.7 99.3 99.R 100.0 103.3 GE OF 78.7 95.7 98.2 99.3 99.7 99.6 99.7 99.8 99.9 99.9 99.9 100.0 100.0 100.0

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUSERYATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENESAL PERIOD OF RECORD: 75-84 MONTH: SEP 4948\$(LST): 2100-2300 ATZIBILITA IA ZIVINIE AIFEZ CEILINS GE : 5E 115 2E SE GE SE 2 1 1/4 SE 3/4 35 5/15 3E 1/4 IN | GE FEE! | 10 5 3 2 1/2 1 5/8 NO CEIL I 49.i GE 20030| GE 18030| 62.1 45.8 60.1 62.1 62.6 52.5 63.6 63.6 63.6 63.6 53.5 63.5 52.1 62.5 53.6 63.6 63.5 63.6 63.6 53.5 45.8 60.1 62.1 52.5 63.5 63.5 53.5 100001 45.8 60.1 62.1 62.6 62.5 63.6 63.6 63.6 63.6 63.5 53.5 GE 140301 96.1 57.0 62.6 77.4 63.1 63.1 54.1 60.6 62.2 64.1 54.1 64.1 64.I 64.1 64.1 GE 120301 78.9 78.9 79.9 73.9 75.9 73.9 100301 90301 57.0 74.8 74.8 74.8 77.4 77.4 77.4 77.4 77.4 77.4 77.9 77.9 77.9 78.9 78.9 78.9 78.9 78.9 73.9 78.9 78.9 78.9 78.9 79.5 78.9 73.7 79.9 79.9 73.9 78.7 77.9 77.9 77.9 79.9 78.9 17.9 78.9 78.9 78.9 78.9 78.9 78.9 57.0 78.9 78.9 7030 74.8 74.8 77.4 57.0 60001 6 E 6 E 5030| 4500| 66.4 84.2 86.3 85.9 97.3 87.3 87.3 88.3 33.3 38.3 83.3 89.3 38.3 88.3 83.3 88.3 88.3 BB.3 89.3 66.4 84.2 86.3 86.3 86.8 87.3 67.3 87.3 87.3 88.3 88.3 89.3 88.3 88.3 88.3 89.3 89.3 88.3 GF 40301 98.3 93.3 GE 30001 67.9 86.8 89.5 89.6 90.1 90.1 91.1 91.1 91.1 91.1 91.1 91.1 6F 25:00 67.9 86.8 99.5 93.1 91.1 91.1 92.1 91 · 1 92 · 1 91.1 92.1 91.1 89.5 90.1 91.1 91.1 50201 68.7 90.5 90.6 91.1 92.1 92.1 92.1 87.8 93.5 90 · 6 95 · 7 91.i 92.1 92.i 6 E 18301 68.7 91.1 92.1 92.1 97.2 92.1 97.2 92.1 92.1 1500 72.5 97.2 GE 12301 91.1 97.7 98.2 99.2 99.2 99.2 94.7 98.2 99.2 99.2 98.5 99.3 94.9 98.5 98.5 100.0 133.3 6E 99.3 100.0 133.0 103.3 100.0 103.3 10001 74.0 103.3 103.0 GΕ 99.3 100.0 133.0 100.3 100.0 100.3 103.3 830 94.9 98.5 98.5 99.0 99.0 100.0 100.0 100.0 100.0 103.3 G٤ 74.0 100.0 103.3 133.3 GE 7001 74.0 94.9 98.5 98.5 99.0 99.0 100.0 133.0 103.0 100.3 100.0 100.0 103.3 133.3 ٥E 6001 98 - 5 99.3 100.0 74.0 98.5 100.0 99.0 GE 5001 74.0 94.9 98.5 99.5 133.0 133.3 100.3 130.3 133.3 103.3 100.0 99.0 100.0 6E 4301 74.0 94.9 98.5 98.5 100.0 100.0 133.3 100.0 300 74.0 94.9 98.5 99.0 99.0 103.0 133.0 100.0 100.0 100.0 103.3 133.3 98.5 98.5 G.F 2001 74.0 94.9 98.5 99.0 99.0 100.0 133.0 107.0 100.0 100-0 133.3 100.0 103.3 133.3 iool 100.0 74.0 99.0 100-0 100.0 0 ( 100.0

TOTAL NUMBER OF OBSERVATIONS: 3 2 3

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DISERVATIONS

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LS STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL H3U35(LST): 1803-2333 CEILING IN GE 5 3.5 1 GE GE GE GE GE 3E 2 1 1/2 1 1/4 GE Э£ 3 2 1/2

35 3 NO CEIL I 25.4 29.5 30.7 30.9 31.3 31.3 31.7 32.2 32.2 32.2 32.2 GE 200301 49.2 51.4 52.5 52.5 52.5 52.7 52.7 52.7 52.7 53.3 53.3 53.3 43.1 51.2 52.1 52.1 52.5 53.3 53.3 GE 140301 GE 140301 GE 120301 43.1 49.2 51.2 51.4 52.1 52.1 52.1 52.5 52.7 52.7 52.7 53.3 53.3 53.3 61.7 50.8 53.0 72.0 53.6 72.6 54.3 73.3 54.3 73.5 73.7 73.7 73.7 73.7 GE 100001 72.6 72.6 72.6 73.3 73.3 73.3 73.3 73.3 73.3 73.7 73.7 73.7 74.3 74.3 74.3 74.0 74.3 74.3 74.2 74.2 74.2 74.2 74.2 74.2 74.2 69.8 72.4 72.4 74.D 74.0 74.2 74.2 69.8 80301 70301 72.4 74.2 14.2 73.3 73.7 74.0 74.3 74.0 74.2 82.1 92.1 82.1 GE 5000 90.3 81.2 81.2 81.2 81.2 81.6 91.6 91.8 81.8 81.9 81.9 81.9 81.8 81.8 81.8 77.7 77.7 4530 70.0 80.5 82.1 82.1 82.1 80.5 81.2 8i.6 81.6 81.8 81.8 GE 3500 l 81.6 91.8 82.1 73.0 77.7 79.0 8D.3 80.5 81.2 31.6 82.1 82.1 92.1 6E (, F 2530| 2030| 1830| 79.6 83.2 83.6 83.6 87.1 97.5 97.6 83.6 87.1 87.5 84.5 88.3 89.4 99.5 82.9 84.3 84.5 83.3 84.5 72.0 92.1 34.0 33.3  $\frac{75.3}{75.5}$ 86.2 GE 86.7 86.9 88.0 89-0 88.2 88.2 88.2 93.4 88.4 33.4 . 2 GΕ 12001 85.6 94.7 98.) 98.2 98.9 99.3 99.6 99.8 99.8 98.5 99.1 133.0 GF 10001 85.6 95.0 98.2 99.1 99.6 99.8 99.8 100.0 100.0 99.5 99.8 95.0 98.5 99.1 99.1 99.6 79.6 99.8 GE 8301 . 2 85.6 98.2 99.8 100.0 100.0 100.0 133.3 7301 • 2 6E 6001 85.6 95.0 98.2 98.5 99.1 99.1 99.6 79.6 99.8 99.8 99.8 103.3 100.0 103.3 100.0 98.5 99.1 99.8 99.8 99.8 85.6 85.6 100.0 GE 5001 .2 95.0 98.2 99.1 99.6 79.6 99.8 100.3 100.0 99.1 99.1 99.1 G€ 4201 .2 95.0 98.2 98.5 99.1 99.6 99.6 99.5 99.8 100.0 103.3 133.3 GΕ 95.0 99.1 4E 2301 .2 85.6 95.0 98.2 99.6 99.6 99.8 99.8 99.8 103.3 100.1 103.3 99.1 99.6 1301 95.0 Ŀξ 85.6 98.2 98.5 99.1 99.8 99.8 99.8 100.0 99.6 100.0 100.0 133.3 98.2 100.0 100.0 100.0 01 99.1 133.3 . 2 85.6

GLOBAL CLIMATOLOGY BRANCH

PERCENTAGE FREUDENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSTRANTIONS

AIR WEATHER SERVICE/HAC STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL *ERIOD OF RECORD: 75-84
MOVIM: SEP HOURS(LSI): 1500-1700 CEILING VISIBILITY IN STATUTE MILES GE SE SE SE ŝΕ SE SE SE 2 1 1/4 G£ 5 I GE GE 35 1 GE GE 3.5 3 5 FEET L 10. 3 2 1/2 5/8 6 1/2 5/15 NO CEIL 1 31.1 33.6 36.2 36.2 36.7 36.7 36.7 36.7 36.7 36.7 36.7 35.7 35.7 36.7 35.7 6E 200301 53.2 53.2 53.2 53.9 53.9 53.9 53.9 53.9 53.9 53.9 53.9 53.9 53.9 53.9 53.9 53.9 53.9 53.9 53.9 50.1 52.7 53.9 46.1 5 5 . 9 53.9 53.9 PE 190701 53.9 53.9 53.9 53.9 53.9 53.9 54.1 54.1 GE 160301 50.1 52.1 46.1 55.8 55.8 55.8 GE 120301 63.1 68.0 71.5 72.5 12.5 72.5 72.7 68.2 68.2 68.2 12.0 12.0 12.0 72.7 72.7 72.7 72.7 72.7 72.7 72.7 72.1 72.7 72.7 72.7 72.7 72.7 72.7 72.7 GE 100301 71.3 71.3 71.3 12.1 12.7 72.7 12.7 72.7 72.7 72.7 72.7 63.5 GE 90301 63.3 72.7 72.7 12.7 12.7 72.7 72.7 63.3 68.2 70001 60001 12.1 GE 74.1 77.9 77.9 77.9 78.6 78.6 5030 69.2 78.6 78.6 78.6 18.5 11.2 11.2 11.2 4500| 4000| 69.2 74.1 74.1 74.1 75.1 78.6 78.6 78.6 78.6 79.6 78.6 18.6 18.6 73.6 73.6 78.6 78.5 78.6 78.5 78.5 73.5 79.6 73.5 78.6 78.6 76.6 6E 35001 69.2 78.6 78.6 78.6 78.5 79.5 73.5 78.5 79.3 3000 70.1 79.5 86.1 80.5 87.1 87.3 80.5 87.1 87.3 80.5 87.1 87.3 87.5 87.1 97.3 25301 71.1 79.8 80.5 37.1 83.5 87.1 80.5 87.1 80.5 80.5 93.7 GE 76.0 83.5 GE 87.1 87.3 82.6 77.4 87.1 82.8 96. 86.6 87.3 97.9 87.3 97.9 87.3 87.3 98.1 Ŀ£ 18301 97.3 37.5 1500 98.1 1200 (.F 88.5 94.4 00.1 10301 88.5 88.5 94.8 98.6 99.3 99.3 99.3 99.3 99.3 99.5 99.3 99.5 99.5 99.5 99.5 GΕ 94.8 98.5 99.5 99.5 GE 8301 00.5 98.8 99.5 99.5 99.5 99.5 99.5 ,,.8 99.8 99.5 99.5 99.3 99.9 133.3 94.8 GE 6001 88.5 98.5 98.9 99.5 133.1 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 94.8 98.8 98.8 98.9 99.5 GE 5301 99.5 99.8 88.5 98.3 99.5 99.8 4301 88.5 98.5 99.5 99.5 99.5 99.B 77.9 77.3 99.9 133.3 94.8 GΕ 99.8 2301 94.8 99.5 99.5 99.8 98.8 99.5 99.5 99.8 99.8 111.1 88.5 99.8 99.5 103.3 GE 98.5 98.8 01

PERCENTAGE FREDLENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS GLOBAL CLIMATOLOGY BRANCH AIR WEATHER SERVICE/MAC SESTOR OF SECURES: 75-84 MONTH: SED HOUSE(LS STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL HOURS(LST): 1200-1400 3 2 1/2 GE 5 3E 1/2 3E 5/15 FEET 10 6 5/8 Ţ 1/4 NO CEIL | 27.3 30.6 33.5 33.5 34.1 34.1 34.1 34.4 34.4 47.3 SE 200301 49.3 48.5 GE 16000| 48.5 45.4 48.5 49.1 49.1 49.1 49.3 41.6 49.1 49.1 49.1 49.1 47.1 49.1 48.5 48.5 49.1 GE 14000 49.8 53.7 73.5 46.0 49.8 52.3 50.0 GE 12000 70.3 59.7 69.2 69.4 70.3 73.3 70.3 73.5 73.5 73.5 59.7 59.7 65.9 65.9 70.5 73.5 73.5 73.5 GE 10030| 69.4 70.0 70.0 70.0 73.0 73.3 69.2 70.0 70.3 70.3 70.5 GE 9030 73.0 70.3 70.3 73.5 69.2 69.4 70.0 70.0 73.0 73.0 73.0 70.3 73.5 73.5 73.3 70.3 73.3 70.3 73.3 73.5 ЬE 60301 59.7 69.2 69.4 70.0 70.0 70.0 73.0 70.3 72.3 GE 65.4 65.4 71.6 71.6 71.6 75.1 75.8 75.8 75.8 50001 74.7 75 . A 76.9 75.9 76.3 75.3 . 2 75.8 15.8 76.0 76.2 75.1 75.1 75.1 75.1 75.8 75.8 ĞĒ 75.8 75.8 75.8 75.B 76.3 75.2 15.2 40301 75.8 75.8 75.8 75.8 76.3 76.3 76.0 76.0 75.0 75.0 76.2 76.2 74.3 76.2 75.2 GE 65.4 75.2 3000 71.6 76.0 2530 71.8 77.1 77.1 75.1 75.3 GE 65.6 76.2 76.7 76.7 75.7 76.2 76.2 31.9 76.4 .2 2030 B1.9 70.9 GE 18301 B (1 . 3 81.1 81.9 81.9 41.9 95.4 95.4 81.9 31.9 82.2 82.2 37.2 82.4 32.4 G E G E 1230 98.2 98.7 98.9 98.9 98.9 99.3 99.3 99.3 99.6 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 103.3 133.3 103.3 GE 1030 98.0 98.9 . 2 85.0 93.0 97.5 100.0 ĞΕ 900 •2 85.0 93.0 97.5 98.3 98.9 99.6 103.3 GΕ 8301 133.3 700 93.0 ĿΕ 6301 85.0 93.0 97.5 98.9 99.8 133.3 103.3 133.3 .2 98.3 98.3 98.3 GE 5301 93.0 98.9 93.9 99.8 99.8 103.3 85.0 98.9 99.3 99.6 99.6 103.3 111.1 99.3 99.6 99.6 99.6 97.5 99.9 39.6 99.8 103.3 103.3 GF 4301 85.0 93.0 99.8 99.3 300 85.0 98.9 GE 99.8 99.5 173.3

TOTAL NUMBER OF OBSERVATIONS:

85.0

85.0

85.0

93.0

93.0

93.0

97.5

98.0

98.9

98.9

99.9

98.9

98.9

....

99.3

99.6

99.6

99.6

6E

GE

2301

100

01

99.8

99.8

99.8

77.9

99.8

103.3

103.3

103.3

100.0

100.0 100.0 100.0

100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY DASERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 3703-1103 CEILING | YISIBILITY IN STATUTE MILES GE GE SE SE Z 1 1/2 1 1/4 1 SE SE G E SE GE GE 37 3 € FEET 1 1 10 3 2 1/2 5/8 1/2 1/4 3/4 5/15 NO CETL I 27.0 30.2 32.5 32.6 33.5 47.9 40.1 44.8 47.7 49.1 49.1 49.1 49.1 49.4 48.9 49.9 49.4 GE 2nnon1 49.1 49.1 47.4 49.4 49.1 GE 160301 43.1 40.1 44.8 47.2 47.9 49.9 49.9 49.1 49.1 49.1 49.4 49.4 49.4 17.4 GE 140001 49.2 49.9 41.6 GE 100001 72.3 12.3 72.3 60.3 66.7 70.5 70.6 71.5 71.5 72.3 72.3 72.3 72.3 72.3 72.3 72.5 72.5 72.5 72.5 72.5 72.5 ĢĘ 90301 80301 60.3 66.7 70.5 70.5 71.5 71.5 72.3 72.3 12.3 72.3 72.5 12.5 72.5 72.5 12.5 70301 60301 60.3 70.6 70.6 72.3 72.3 77.5 77.5 77.5 78.6 78.6 78.6 79.3 79.3 79.3 GE GE 50001 67.4 73.7 78.6 78.6 79.3 79.3 79.3 79.3 79.3 79.5 79.5 79.5 79.5 79.5 79.5 79.6 79.6 79.5 79.5 79.5 79.5 79.3 40301 73.7 73.7 77.6 77.6 78.6 79.3 79.3 79.3 3500 | 3000 | 79.3 77.5 79.3 79,3 79.6 33.5 33.7 79.6 83.5 83.7 79.6 83.5 83.7 79.5 53.7 53.9 25001 67.6 74.0 77.5 2000| 1800| 1500| 77.9 78.1 81.3 82.3 81.9 82.3 82.7 83.0 82.7 83.0 83.5 93.7 93.7 93.7 ĿΕ 83.5 83.7 GΕ 92.2 96.8 GE 79.8 92.2 93.2 94.2 24.2 94.2 94.2 94.4 99.0 99.0 G.F 10201 83.7 92.2 97.3 97.3 98.3 99.8 99.8 133.3 92.2 92.2 92.2 930 | 830 | 730 | 83.7 83.7 83.7 99.3 98.3 99.8 77.8 97.8 99.5 100.0 GΕ 103.3 103.3 97.3 97.3 98.3 98.3 98.3 99.8 99.8 99.8 99.8 99.8 GE 100.0 103.3 103.3 133.3 103.3 100.0 100.0 6301 83.7 92.2 500| 430| 300| 97.3 97.5 97.5 97.3 97.3 97.3 98.3 99.3 99.3 98.3 92.2 92.2 92.2 98.3 98.3 99.8 99.8 99.8 83.7 99.8 99.8 99.8 99.8 99.8 100.0 103.3 100.0 100.0 133.3 GE 83.7 98.3 99.8 99.8 99.8 99.8 100.3 100.0 100.0 100.0 99.8 200 99.8 100.0 103.3 1001 83.7 92.2 97.4 97.3 2A. 1 99.8 99.9 133.3 133.3 103.3 GE nΙ 92.2 97.5 97.3 98.3 98.3 99.8 133.3 103.3 100.3 133.3 83.7 99.A 39.A 99.8 99.8 TOTAL NUMBER OF OBSERVATIONS:

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL PERIOD OF RECORD: 75-94
HONTH: SEP HOURSILS 40445(LST): 3503-3333 S 1 1/S 1 1/4 1 GE 35 3E 3E ĀĪŠĪŠĪLĪIY IN STATUTE MILES GE GE SE 4 3 2 1/2 5E GE 5 35 5/15 IN | GE FEET | 10 3/4 5/8 1/2 3 1/4 NO CEIL I 43.2 43.2 +3.2 52.8 52.9 53.9 53.9 53.9 54.1 54.1 54.4 54.4 54.4 54.4 54.4 54.4 54.4 54.4 54.4 54.4 54.4 PE 500001 52.4 54.4 GE 180301 36.0 49.1 54.4 55.3 GE 160301 36.0 49. Î 52.8 53.9 53.9 54.1 54.4 GE 140301 GE 120301 53.5 54.8 55.0 55.0 55.3 55.3 36.7 53.1 54.6 55.3 49.8 72.7 75.5 75.5 75.5 75.5 75.5 75.5 49.8 74.0 74.3 75.1 75.1 75 • 1 75 • 1 75.3 75.3 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 GE 10000 75.5 GE GE 90301 69.4 73.3 75.5 75.5 8030 I 7030 I 75.3 75.3 49.8 74.3 75.1 75.1 75.1 75.1 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 75.5 69.4 73.5 73.5 75.5 GE 6000 49.8 81.9 81.9 81.9 (.F 50001 79.3 56.1 75.8 80.5 81.4 81.4 A1.7 81.9 81.9 61.7 4530 56.1 75.8 75.8 79.7 80.3 81.4 81.7 81.7 31.9 81.9 81.9 81.9 81.9 GE GE 81.7 91.7 91.4 31.7 56.1 3500 GE 30201 80.1 81.2 82.8 2500 57.0 76.6 61.2 82.3 82.3 82.9 93.4 93.5 υĔ 60.3 82.8 92.9 82.8 82.8 1830 57.0 57.2 77.3 77.5 91.4 81.9 83.0 93.0 83.2 83.2 33.4 93.4 83.6 93.4 83.6 33.4 93.6 83.6 GE 63.8 15001 90.2 91.7 91.9 96.7 GE 12301 90.4 96.3 98.0 98.3 98.5 GË 10001 91.9 97.3 98.3 99.6 120.0 100.0 68.3 100.0 100.0 100.0 103.3 100.0 9001 8001 68.3 91.9 97.3 98.3 98.3 99.6 99.6 99.8 133.0 100.0 133.3 100.0 100.0 103.3 100.0 100.0 103.3 133.3 97.3 GE 7301 68.3 91.9 98.3 99.6 99.8 133.0 100.0 133.3 100.0 100.0 103.3 100.0 6301 68.3 98.3 100.0 100.0 GE 99.5 103.0 100.0 GĒ 5301 68.3 130.0 100.0 100.0 103.3 100.0 130.0 100.0 97.3 99.8 G F 4301 68.3 91.9 98.3 99.5 99.6 133.0 133.0 100.0 122.3 102-2 133.3 300 68.3 91.9 98.3 99.5 99.6 99.8 133.0 100.0 100.0 130.3 100.0 103.3 103.3 122.3 2001 68.3 91.9 98.3 99.6 99.8 100.0 100.0 100.0 133.3 100.0 100.0 100.3 €€ 01 91.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREDJENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DASERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL MONTH: SEP 40325(151): 3307-3573 ATZIBILTIA IN ZIVLNIE ATFEZ CEILING IN | GE FEET | 10 GE GE GE 6 5 4 GE GE GE 4 3 2 1/2 G£ GE GE GE SE GE 2 1 1/2 1 1/4 1 3/4 GE 5/8 3E 1/2 35 5/15 1/4 3 NO CETE 1 51.9 52.9 PE 5003UI 38.4 49.0 51.3 52.9 53.1 53.1 53.4 53.4 53.4 53.4 53.4 53.4 53.4 53.4 53.4 53.4 GE 180001 51.3 53.4 55.4 53.4 54.5 71.4 51.8 52.9 52.9 52.9 53.1 53.4 53.4 53.4 53.4 GE 160301 38.4 49.0 51.3 53.4 53.4 53.4 € 140301 50.1 52. 54.5 54.5 54.5 71.4 39.2 50.7 69 · B 73.9 70.8 71.1 71.4 GE 10000| GE 9000| GE 8000| GE 7000| 71.1 71.1 51.0 51.0 67.0 70.) 70.) 70.0 71.1 71.1 71.4 71.4 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 71.7 67.0 71.7 71.7 51.0 67.0 78.3 70.3 70.3 71.1 71.1 71.1 71.1 71.4 71.4 71.7 71.7 71.7 71.7 71.7 71 • 7 71 • 7 71.7 71.7 71.7 51.0 GE 60301 51.0 67.0 70.3 73.3 71.1 71.4 78.2 78.2 78.2 78.5 78.5 78.5 78.5 78.5 78.5 78.5 78.5 78.5 78.5 78.5 78.5 78.5 78.5 73.5 73.5 G.F. Spani 57.8 71.8 76.4 76. B 77.9 77.9 78.5 79.5 79.5 78.5 79.5 77.9 17.9 73.5 73.5 4500 I 57.8 57.8 73.8 76.3 76.8 76.9 GE 73.5 73.5 78.5 78.2 ŪΕ 3000 60.2 76.6 79.6 83.7 89.7 83.9 91.2 81.2 81.2 81.2 81.2 81.2 6E 25001 60.5 76.8 79.3 79.8 80.9 80.9 81.5 81.5 81.5 81.5 92.3 20001 60.8 77.1 90.4 83.4 83.4 81.5 81.5 81.7 32.0 32.0 82.0 82.0 82.3 82.3 82.3 95.3 32.3 GE 81.5 82.3 GE 1500 68.7 85.3 89.9 93.2 93.2 90.2 93.2 93.2 12301 97.1 GE 74.4 93.2 93.7 98.9 99.5 99.5 GE 10101 74.7 98.9 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 97.5 97.5 74.7 6E 9301 93.7 97.5 79.7 99.7 22.1 99.5 99.7 99.7 99.7 99.7 99.7 93.7 97.5 99.7 >>.7 GΕ 8301 98.9 98.9 GE 7301 93.7 97.5 99.7 99.5 99.7 99.7 99.7 99.7 99.7 600 99.2 100.0 74.9 5001 94.0 97.3 99.2 99.2 103.3 103.3 100.0 103.0 GE 100.0 100.0 133.3 430 I 330 I 94.0 97.3 97.8 97.8 99.2 99.2 99.7 99.7 100.0 ĢΕ 74.9 133.0 130.0 74.9 133.3 100,0 133.3 133.3 103.3 133.3 97.4 G.F 2001 74.9 94.0 97.4 99.2 99.2 99.7 132.0 103.0 100.0 100.0 177.7 101.3 111.1 GE 1001 94.0 100.0 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE EREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY DESERVATIONS

		WEATHE	R SER	VICE/HA	c				FROM	HOUSEY	, 332EKA	VIÍDNZ					• •		
								NR SENES	_					)	27 : CFC: 25UCH	-84 {LST}:	3303-38	233	
		LING	• • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •			IN STAT			•••••	• • • • • •	•••••	• • • • • •	•••••	• • • • •
	i	N I	GE	GE	GE	GE	GE	3E	GE	GΕ	GE	3E	GE	G٤	- 3£	3 E	3£	3E	
		EŢ. Į	10	. 6	5			2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/15	1/4	j.	
		• • • • • • •							•••••		•••••		•••••		• • • • • • •		•••••	• • • • • • •	• • • • •
	N O	CEIL I	• 2	36.3	47.6	49.3	49.6	49.B	49.8	50.4	50-4	53.4	50.9	50.9	53.9	53.9	53.9	53.9	
	ьE	100001	• 2	43.3	59.5	60.7	63.9	61.1	61.1	62.0	62.0	62.0	62.4	62.4	62.4	52.4	62.4	52.4	
		19030	. •2_	43.3	58.5	50.7	60.9	61-1	51.1	62.D	25.0	62.0	62.4	62.4	62.4	62.4	62.4	52.4	
		160001	• 2	43.3	58.5	60.7	60.9	61.1	61.1	62.3	52.0	62.0	62.4	62.4	52.4	62.4	62.4	52-4	
		140301	• 2		59 · B	62.1	65.5	65 • 4	62.4	63.3	53.3	63.3	53.7	63.7	53.7	53.7	63,7	53.7	
	0 E	120301	• 2	54.6	74.6	78.)	78.3	78.5	78.5	79.3	79.3	79.3	79.8	79.8	77.9	79.3	79.8	79.3	
_	GE	100001	•2	54.6	74.6	78.3	78.3	78.5	78.5	79.3	79.3	79.3	79.8	79.8	79.9	79.3	77.8	77.3	-
		9030	• 2	54.6	74.6	78. J	78.3	78.5	78.5	79.3	19.3	79.3	79.5	79.B	79.5	79.5	79.3	79.3	
		80301	• 2	54.6	74.6	78.)	78.3	78.5	78.5	79.3	79.3	77.3	79.8	79.8	77.5	77.3	77.8	77.9	
		7030	• 2	54.6	74.6	78.3	78.3	78.5	78.5	79.3	79.3	79.3	79.8	79.8	77.8	77.3	77.9	77.3	
	GE	60301	• 2	54.6	74.6	78.3	78.3	78.5	78.5	79.3	79.3	79.3	79.8	79.8	79.5	79.3	79.3	79.3	
	GE		•2	60.9	80.9	84.3	84.6	84.8	84.8	85.7	85.7	85.7	86.1	86.1	35.1	85.1	86.1	35.1	
		4500	• 2	60.9	80.9	84.3	84.6	84.8	84.8	85.7	85.7	85.7	86.1	86.1	85.1	85 - ļ	86 • j	95.1	
		40301	• 2	60.9	80.9	94.3	84.6	84.3	94.9	85.7	35.7	85.7	96.1	86.1	95-1	95.1	86.1	85 - L	
		3530   3030	2	60.9	80.9	_ <u>84.3</u> 86.3	84.6	84.8	84.8	85.7	35.7	95.7	96.1	86 · j	35.1	85-1	85.1	35.1	
	GE	20701	• 2	62.0	82.6	50.3	80.5	87.0	87.3	87.8	37.8	97.8	98.3	88.3	33.3	83.3	89.3	33.3	
		25301	•2	65.0	83.0	86.7	87.3	87.4	87.4	88.3	88.3	89.3	88.7	98.7	89.7	55.7	89.7	33.7	
	GΕ		• 2	62.0	83.0	97.3	87.2	87.6	87.6	88.5	B9-5	88.5	88.9	88.9	99.9	88.7	88.9	33.7	
		18301	• 2	65.0	83.0	87.3	87.2	87.6	97.6	89.5	99.5	89.5	85.9	58.9	53.9	55.7	89.7	33.7	
	ĢE		_• Z	66.5	88.3	92.3	92.8	93.3	93.3	94.1	74.1	94.1	94.6	94.5	94.5	94.5	94.5	94.5	
	UE	1500	• 2	68.7	92.4	96.7	97.3	97.4	97.4	98.3	78.3	98.3	98.7	98.7	93.7	93.7	98.7	73.7	
	GE		• 5	69.3	93.7	98.]	98.3	98.7	98.7	99.6	99.6				133.3				
	GE	9301	• 2	69.3	93.7	98.3	98.3	98.7	98.7	99.6	99.6								
	G€ GE	830   730	•2	69.3 69.3	93.7 93.7	98.) 98.]	98.3	98.7	98.7	99.6	77.6			130.3		133.3			
-	6 E	6801	• 2	69.3	93.7	98.J	98.3	98.7 98.7	98.7 98.7	99.5	39.6		100.0			103.3		133.3	
	O.C.	0001	• 2	07.3	73.7	78.3	70.3	70.7	75.7	99.6	99.6	77.5	100.0	100.0	133.3	103.3	103.3	133.3	
	GE GE	5301	•2	69.3	93.7	96.)	98.3	98.7	98.7		99.6				133.3				
_	GE	400 ( 300 (	- • 2	69.3	93.7 93.7	98.) 98.)	98.3 98.3	98.7 98.7	98.7	99.6 99.6	99.6 99.6				103.3				
	GE	2001	• 2	69.3	93.7	78.3	98.3	98.7	98.7 98.7	99.5	77.6		100.0		133.3	133.3		133.3	
-	6E	1301	. 2	69.3	93.7	98.	98.3	98.7	98.7	99.6	99.6			130.0		100.0		133.3	
											_								
	GΕ	01	. 2	69.3	93.7	78.)	98.3	98.7	98.7	99.6	99.6	99.6	100.0	100.0	133.3	133.3	103.3	133.3	

## PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DOSCRYATIONS

A 1	K MEAT	IER S	ERVICE/	MAC													
51	ATION N	UMBE	P: 6164	13 ST	ATION NA	MAE: DAA	AR SENESA	L					of REC : AuG	27 : CFC 2546H	-34 (LSI);	411	
	ILING _	• • • •	• • • • • •	• • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •			IN STAT	175 HI		• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •
		GŁ	GE		E	GŁ.	SE	GE	3E	SE	GE	GE	GE	3 E	3 E	GΕ	35
		1		b	_		2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/15	1/4	- T
											•••••	******		******	• • • • • • •	*****	*
NO.	CEIL		28.	4 34	.0 34.	2 34.2	34.2	34.2	34 • 2	34.2	34.3	34.3	34.3	34.4	34.4	34.4	34.4
	50030						45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.6	45.5	*5.5
	18030						45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5
	16000						45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	+5.5
	14000						45.7	46-7	46.7	46.7	45.7	46.7	46.8	45.3	45.3	45.9	45.9
GE	12000	•	1 57.	8 67	.4 58.	2 69.2		69.2	68.3	58.3	69.3	58.4	58.4	53.5	53.5	63.5	53.5
	10030					. 5 68.3	68.4	68.4	68.4	58.5	69.5	68.5	68.6	53.5	69.5	69.5	59.7
	9000							6B.4	68.4	58.5	68.5	68.5	68.6	55.6	68.5	68.6	53.7
	8030						58.4	58.4	68.5	58.5	63.5	68.6	68.6	69.7	58.7	69.7	59.9
	7000						58.4	58.4	68.5	58.5	69.5	68.5	68.6	59.7	53.7	69.7	53.3
ÜŁ	6030	•	1 57.	9 67	.5 68	.5 68.4	68.	68.4	68.5	58.5	69.5	69.6	58.6	63.7	53.7	69.7	53.3
	5000							73.3	73.4	73.5	73.5	73.5	73.6	73.6	75.6	73.5	73.7
	4500							73.4	73.5	73.5	73.5	73.5	73.6	73.7	73.7	73.7	73.7
GE	4030							73.4	73.5	73.5	73.5	73.5	73.6	73.7	73.7	73.7	73.7
GE	350n							73.4	73.5	73.5	73.5	73.5	73.6	73.7 75.3	73.7	73.7	73.7
GE	. 30301	•	1 63.	7 73	/ * .	,, ,,,,	,4.,	74.7	74.8	74.9	74.9	74.9	75.0	13.3	75.3	75.3	75.1
	2500							75.3	75.4	75.4	75.5	75.5	75.6	75.6	75.5	75.5	75.7
G£								81.1	81.2	91.2	01.3	81.3	81.4	91.4	81.4	81.4	91.5
GE					.2 91.		81.2	81.2	81.3	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5
	1530							93.3	93.4	93.4	93.5	93.5	93.6	93.5	93.5	93.5	93.7
GE	1230	•	1 84.	0 96	.8 98.	.) 99.3	98.2	98.2	98.3	90.3	99.4	98.4	98.5	25.5	93.5	93.5	73.7
	1000				.8 99			99.3		99.4		99.5		99.7	99.7	99.7	77.3
G٤								99.3	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.3
GE								99.3	99.4	99.5	97.5	99.6	99.7	77.7	99.7	99.7	99.9
G E								99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	****
ĢΕ	6301	•	1 85.	0 97	.9 99.	1 99.2	99.3	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	,,,,
GE		-						99.3		99.5	99.6	99.6	99.7	99.5	99.5	99.8	****
UE.					.9 99.			99.3	99.5	99.5	99.6	99.6	99.7	99.9	99.9	99.8	77.7
GE					.0 99.			99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.8	133+3
GE					.0 99			99.4	99.5	77.6	99.7	99.7	99.8	99.9	99.9	99.9	133.3
ů.	1301	•	1 85.	1 48	.0 79.	. 3 99.3	99.4	99.4	99.5	99.6	99.7	99.7	99.8	99.9	99.7	99.9	133.3
G.E	n	•	1 85.	1 98	.0 99	3 99.3	9914		- 00.5	32.6	99.7		··	99.9	03.5	- 93.9	133.3

#### PERCENTAGE FREQUENCY OF DESCRIPTIONS OF CEILLING WERSUS WISIBILLIAN FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SEVEGAL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURSILSTD: 2103-2503 VISIBILITY IN STATUTE MILES CEILING IN I FEET I GE GE 3 2 1/2 GE GE GE GE SE 2 1 1/2 1 1/4 1 39.2 39.2 39.4 39.7 NO CETL I 32.0 39.2 39. 2 39.2 39.2 39.2 39.2 39.2 39.4 89.4 52.7 52.7 52.7 52.7 52.7 52.7 53.7 71.7 GE 200301 52.1 52.1 52.7 52.7 52.7 52.7 52.7 52.7 52.7 52.7 52.7 53.0 53.0 53.0 53.3 53.3 53.0 52.7 52.7 52.7 52.7 53.3 53.3 53.) 53.] 53.2 GE 160001 44-1 . 2 52.7 52.7 52.7 53.3 53.7 53.7 52.7 53.2 GE 14030 .2 53.7 53.7 53.7 53.7 53.7 53.9 GE 120001 58.1 70.9 71.7 71.7 71.7 71.7 71.9 71.9 71.9 12.2 72.2 72.2 72.2 72.4 GE 100301 71.9 71.9 71.9 72.2 72.2 72.2 71.7 12.2 12.2 12.2 • 2 58 . 1 70.9 71.7 71.7 71.7 71.7 71.9 71.9 72.2 72.2 9020| 1008 .2 58.1 70.9 70.9 71.7 71.7 71.7 71.7 71.7 71.9 71.9 12.2 12.2 GE 72.4 70.9 70.9 70001 71.7 72.2 12.2 60001 58.1 71.7 71.7 71.9 71.9 72.2 71.7 71.7 12.4 50001 80.0 33.3 80.5 90.5 80.5 83.5 83.5 83.5 83.5 93.5 83.5 66.5 79.3 90.1 80.3 93.3 80.0 80.3 80.3 83.5 33.3 4530| 4030| 66.5 79.3 79.3 90.3 80.0 80.3 80.0 80.0 53.3 50.3 B3.3 B3.3 80.3 80.3 83.5 33.3 6€ GE 35 201 66.5 79.3 80.) 83.5 80.0 83.5 90.0 80.0 30.3 83.3 80.3 80.5 83.5 83.5 83.5 33.3 GÉ 25301 • 2 69.5 83.7 84.Ô 34.5 85.7 86.2 93.8 86.2 86.7 94.3 66.5 86.9 94.6 85.5 86.9 94.5 GE 71.4 85.0 85.7 85.7 85.7 85.7 36.0 85.2 95.5 35.7 85.2 86.2 86.5 94.1 1830 86.2 86.7 15301 78.6 93.3 93.9 93.8 94.3 94.6 GE . 2 94.5 1200 99.5 99.5 99.5 10001 .2 96.6 98.3 98.3 98.5 98.5 98.5 98.5 98.5 98.5 98.5 99.0 99.0 99.3 99.3 99.5 99.5 97.5 97.5 GE 99.3 82.0 77.3 GΕ 830 . 2 82.0 96.6 98.3 98.5 98.5 99.0 99.3 99.3 99.5 99.5 77.3 99.3 82.0 98.5 98.5 98.5 98.5 99.0 99.3 99.5 99.5 99.5 GE 7001 96.6 98.5 630 ĿΕ 98.5 99.3 99.3 99.5 99.5 99.5 97.5 99.3 99.8 GE . 2 82.3 96.8 98.9 98.8 98.8 98.8 99.8 99.3 99.8 4001 133.3 .2 99.3 99.5 99.5 99.8 99.8 99.8 GΕ 300 t 92.3 96.8 98.5 98.8 98.8 98.8 99.5 100.0 2201 96.8 98.5 98.9 99.3 133.3 4E 82.3 99.9 98.8 99.B 1301 01 99.5 90.5 99. A 97.9

## PERCENTAGE FREQUENCY OF DOCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DOSCRYWAITONS

\$ 1	ATION NI	UMBER:	616413	STATI	IN NATE:	DAKA	IR SENESA	.L				UC1F39 HIVOM	OF REC : AUS		-34 (LST):	1300-20	ננ
	IL INS				• • • • • • •	•••••	• • • • • • • •		31L17Y				• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••
	IN I	GE	6.E	Gε	SΕ	GE	GE	SE	SE	S.E.	3 E	GE	GE	3 E	5 5	3.E	36
		10	ь	- 5	4		2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	
• •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • •
N O	CEIL I		21.8	23.9	24.1	24.1	24.1	24.1	24.1	24 • 1	24.1	24.1	24.1	24.4	24.4	24.4	24.
GE	200301	• 2	34.2	37.2	37.+	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.6	37.
GE	18030	• 2	34.2	37.2	37-4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.6	37.5	37.5	37.
	16030	.?	34.2	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.6	37.6	37.6	37.
	14030	• ?	35.3	38.2	38+5	38.5	38-5	38.5	38.5	38.5	39.5	38.5	38.5	39.7	39.7	38.7	33.
ĿΕ	150001	• 5	63.3	63.7	54.5	64.5	64.5	54.5	64.5	54.5	54.5	54.5	64.5	64.7	64.7	64.7	54.
<u>.</u>	100301	• 2	60.3	63.7	54.5	64.5	54.5	54.5	64.5	54.5	64.5	54.5	64.5	64.7	64.7	64.7	54.
G€	90001	• 2	60.3	63.7	64.5	64.5	64.5	64.5	64.5	54.5	64.5	64.5	64.5	64.7	54.7	64.7	54.
G£		• 2	60.5	63.9	64.1	64.7	64.7	64.7	64.7	54.7	64.7	64.7	64.7	65.3	65.)	65.3	55.
	7020	• 2	60.5	63.9	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	65.0	65.3	65.0	55.
٥E	60301	• 2	63.5	63.9	64.7	64.7	64.7	54.7	64.7	54.7	64.7	54.7	64.7	55.0	55.3	65.3	55.
GE	5030	• 2	67.7	71.2	72.3	72.3	12.3	72.5	72.0	72.0	72.0	72.3	72.3	12.2	72.2	72.2	77.
	45001	• 2	67.7	71.2	72.3	72.3	72.0	72.0	72.0	72.0	72.D	72.0	72.0	12.2	72.2	72.2	72.
	48301	• 2	67.7	71.2	72.3	72.3	12.0	72.0	72.0	72.0	72.0	72.0	72.3	72.2	72.2	72.2	72.
	3530	• 2	67.7	71.2	72.3	72.0	72.0	72.0	72.0	15.0	72.0	72.0	72.0	12.2	72.2	72.2	12.
GE	30001	• 5	68.8	72.9	13.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.9	73.9	73.
	25001	• 2	69.4	73.5	74.+	74.4	74.4	74.4	74.4	74.4	74.4		74.4	74.5	74.5	74.6	74.
	2030	• 2	77.1	81.6	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	32.7	92.7	82.7	32.
í, E		• 2	77.1	81.6	92.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	32.7	92.7	82.7	32.
	15001	• 2	88.5	93.4	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.
υŁ	12001	•?	92.3	97.9	98.7	98.7	98.7	98.7	98.7	* 75.7	93.7	99.7	98.7	93.9	79.7	99.7	* * .
GΕ		• ?	92.7	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4	**.
6E	•	• 2	92.7	98.3	99.1	99.1	99-1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4	**.
GE	•	• ?	92.7	98.3	97-1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	9.9 . 4	99.
ù E		• 2	92.7	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4	39.
GE	6301	• 2	92.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.6	133.
GE		. 2	92.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5		133.
6 E		•2	92.9	98.5	99.4	99.4	99.4	99.4	99.4	39.4	99.4	99.4	99.4	99.6	99.5		133.
6 E		• ?	92.9	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.5	97.5	
GE		• 2	92.9	98-5	99.4	99.4	99.4	99.4	99.4	99.4 99.4	99.4	99.4	99.4	99.5	99.5 99.5	99.6	
GE	1201	• 2	92.9	98.5	99.4	99.4	99.4	99.4	99.4	77.4	77.4	yy, 4	77.4	77.5	77.5	99.5	111.
	01		92.9	98.5	99.1	99.4	99.4	99.4	99.4	79.4	99.4	99.4	99.4	99.5	99.5	99.5	111.

GLOBAL CLIMATOLOGY BRANCH USAFETAC SERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

AIR WEATHER SERVICE/MAC

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL PERIOD OF RECORD: 75-34 HONTH: OCT AIRIBIFILA IN RIVITE AIFER CEILIN3 36 ---GE GE GE 5E 5 4 3 2 1/2 GE SE GE SE GE 2 1 1/2 1 1/4 1 3/4 1/2 5/16 NO CEIL 1 .2 23.1 45-1 55.7 56.7 58.4 63.4 63.4 63.4 50.4 60.4 53.4 63.4 6E 160001 63.1 63.1 65.3 66.7 26.1 51.0 66.7 66.7 66.7 65.7 65.7 26.1 26.1 51.0 51.0 62.J 64.7 55.7 66.7 65.7 66.7 51.4 63.5 55.3 76.9 67.3 79.2 GE 140301 67.3 67.3 67.3 67.3 67.3 67.3 79.5 79.6 79.6 79.6 79.6 79.6 75.1 75.1 75.1 79.6 79.5 78.3 78.3 79.6 79.6 79.6 79.6 79.6 70.6 79.6 77.3 74.1 74.1 77.3 77.3 0E 80301 31 · 4 31 · 4 61.4 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 79.6 78.0 79.6 79.b 79.5 79.0 79.6 GE 70001 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 50001 • 2 43.1 73.1 99.6 GE 45001 85.7 86.7 86.7 89.0 89.6 91.2 43.1 73.1 91.2 91.2 91.2 91.2 91.8 91.2 91.2 89.6 91.2 91.2 91.2 35001 85.7 86.3 89.6 30001 2500 | 2030 | 1800 | 43.5 43.5 43.5 73.5 73.7 73.7 87.5 87.6 87.6 90.4 90.4 90.4 91.6 92.0 92.0 91.3 92.3 92.3 91.3 92.3 92.3 GΕ • 2 86.5 89.6 91.8 91.8 91.8 92.0 86.5 89.8 92.0 92.0 92.0 92.0 92.0 92.3 GE 94.7 15001 100.3 100.0 103.3 GE 10001 97.8 98.4 133.0 103.0 133.3 • 2 47.8 80.6 94.1 95.1 100.0 103.3 133.0 100.0 100.3 930 80.6 94.1 95 • 1 95 • 1 97.8 97.8 98.4 100.0 100.0 103.3 103.3 133.3 GE 100.0 100.0 100.0 730 95.1 95.1 100.0 100.0 100.0 120-0 100.0 94.1 100.0 100.0 80.6 100.0 100.0 133.3 103.3 GE 133.0 100.0 66 500 •2 95.4 130.0 103.0 100.0 80.6 100.0 103.3 95.1 95.1 97.8 97.8 100.0 GF 430 47.8 80.6 94.1 98.4 100.0 100.0 100.0 100.0 133.3 103.3 300 47.8 80.6 94.1 98.4 100.0 130.0 100.0 100.0 103.3 103-3 100.0 100.0 GE 2301 47.8 80.6 95.1 103.0 130.0 100.0 100-0 100-0 133.3 100.0 100.0 133.3 1001 103.0 100.0 94.1 95.1 97.8 98.4 103.0 133.0 103.0 103.0 100.0 133.3 103.3 103.3 133.3 47.8 80.6

TOTAL NUMBER OF OBSERVATIONS:

núz: akt

USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING MERSUS MISIBILITY

FROM HOUGHLY OBSERVATIONS

			616410			: DAKA	R SEVEGA	L					) OF REC I: OCT		-84 (LST):	3903-11	- 23
 • • •																	
	L INS	GE	S.E.	GE	GE	GE	dE	GE	314111. GE	GE TW 2141	<u> 35</u>	ΞΣ		3 E		sE	jE
			6						1 1/2		3:1	3/4	5/8	142	5/16	1/4	3.
 • • •								• • • • • •		• • • • • •	• • • • • • •					•••••	
 NO	CETLI		25.9	35.0	41.5	42.2		44.6	45.8	16.0	45.0	46.3	46.3	45.3	45.3	45.3	45.3
	20030  18000	• 2	37.2 37.2	49.6 49.6	59.7 59.7	60.4 60.4	63.1 63.1	63.1 63.1	64.5 64.5	54.7 54.7	64.7	64.7	65.3 65.0	55.J	65.3 65.3	65-3	55.3 55.3
	10000		31.2	49.6	59.7	60.4	63.1	63.1	64.5	64.7	64.7	64.7	65.0	65.0	65.3	65.3	55.3
	14030	.2	37.9	50.4	50.7	61.4	64.0	54.0	65.5	65.7	65.7	65.7	65.9	65.9	65.9	65.9	55.7
	120001	• 2	47.2	60.4	71.7	72.7	75.3	75.3	11.1	77.9	77.9	79.2	78.4	73.4	73.4	79.1	73.1
 6.F	100001	.2	47.2	60.7	72.2	72.9	75.5	75.5	77.9	78.2	78.2	78.9	78.7	79.7	79.7	79.7	73.7
	90301	.2	47.2	60.7	72.2	72.9	75.5	75.5	77.9	79.2	78.2	78.4	78.7	79.7	73.7	78.7	79.7
 GĒ	80001	• 2	47.2	60.7	72.2	72.9	75.5	75.5	77.9	78.2	78.2	78.4	78.7	79.7	78.7	79.7	79.7
	70301	. 2	47.2	60.7	72.2	72.9	75.5	75.5	77.9	78.2	79,2	78.4	78.7	78.7	78.7	78.7	13:1
GE	60001	•2	47.2	60.7	72.2	72.9	75.5	75.5	77.9	78.2	78.2	78.4	78.7	79.7	79.7	79.7	79.7
	50001	•2	62.1	75.5	87.1	87.8	90.4	90.4	92.8	93.0	93.0	93.3	93.5	93.5	93.5	93.5	₹3.5
 G E		_:?_	62.1	75.5	87.1	87.8	90.4	70.4	92.8	93.0	93.0	93.3	93.5	93.5	93.5	93.5	23.5
GE		.2	62.1	75.5	87.1	87.8	90.4	90.4	92.8	93.0	93.0	93.3	93.5	93.5	93.5	93.5	93.5
	3530 L 3030 L	2	62.1	75.5	87.1	88.5	93.4	90.4	92.8	93.8	93.8	93.3	93.5	93.5	93.5	93.5	93.5
	30301	• • •	02.0		37.5		71.1	71.1	73.3	73.0	73.6	74.3	74.2	44.6	71.2	****	71.2
	2500	• 2	8.59	76.3	57.3	88.5	91.1	91.1	93.5	₹3.8	93.8	94.3	94.2	94.2	94.2	94.2	94.2
GE		. •2	64.0	11,1	89.3	89.9	92.6	ã5 • P	95.0	32.5	95.2	95.4	95.7	25.7	95.7	95.7	75.7
GE	18001	•2	64.0	77.7	89.2	89.9	92.6	92.6	95.0	95.2	95.2	95.4	95.7	95.7	95.7	95.7	95.7
GE	15201	<u>• 2</u> .	67.4	80.3	9 <u>2.1</u> 93.5	92.9	95.9	95.4	97.8	98.1 99.5	99.1	98.3	98.b 130.0	95.6	99.6 193.3	99.6	133.3
 	72301	••									77,3	77.5	1,0.5	133.3	1,33.3	103.3	1,,,,,
GE	10001	• 2	67.4	81.5	93.5	94.2	96.9	96.9	99.3	99.5	99.5	99.9	100.0		100.0		
GE	900   800	• 2	67.4 67.4	81.5	93.5	94.2	96.9 96.9	96.9 96.9	99.3	99.5	99.5	99.8	100.0	103.3	103.0	103.3	
GE	7301	• • • • • • • • • • • • • • • • • • • •	67.4	81.5	93.5	94.2	96.9	96.9	99.3	77.5	97.5	99.9			103.3		133.3
GΕ	6001	.2	67.4	81.5	93.5	94.2	96.9	96.9	99.3	99.5	99.5	99.8	100.0		103.3		
 							<del></del>										
GE	500	•2	67.4 67.4	81.5	93.5	94.2	96.9	96.9	99.3	99.5	99.5		100-0				
 6E	400 l	2	67.4	81.5	93.5	94.2	96.9	96.9	99.3 99.3	99.5 99.5	99.5	99.8 99.8	100.0		100.0		
GE	2301	.2	67.4	81.5	93.5	94.2	96.9	96.9	99.3	77.5	99.5	99.5			103.3		
GE	130		67.4	81.5	93.5	94.2	95.9	96.9	99.3	99.5	99.5	99.8			[03.3		
GE	0 (	• 2	67.4	81.5	93.5	94.2	96.9	96.9	99.3	79.5	99.5	99.8	100-0	133.3	103.3	107.3	133.3

- TOTAL NUMBER OF OBSERVATIONS: 417

PERCENTAGE FREQUENCY OF DECURRENCE OF CEILING VERSUS VISIBILITY
FROM HOUGHY DASSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-34 CC+1-100 HTMCH TOC HTMCH

CEL	LINS		• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •			IN STAT	LTE MIL		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		•
	N I	GE	GE	GE	GE	GE	55	ĞE	5E	GE	66	GE	GE	- 3£	- 3E	3.5	35	
FE		10	6	٠,٠	•		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	, , , , , , , , , , , , , , , , , , ,	
									• • • • • •						• • • • • •		******	
NO	CEIL I		26.1	32.7	39.5	39.3	41.8	41.9	43.8	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	
 									:	15								
	200301 180301		45.1	56.0 56.0	65.3 65.3	65.3 65.3	67.7 67.7	67.7 67.7	69.8 69.8	70.2	73.2 73.2	73.2	70.2	73.2	73.2	79.2	73.2	
	100001		45.1	56.D	65.3	65.0	67.7	67.7	69.8	73.2 70.2	70.2	79.2 79.2	70.2 70.2	73.2 73.2	73.2 73.2	73.2 73.2	73.2 73.2	
	14030		45.7	56.8	55.3	65.8	58.5	58.5	70.6	71.0	71.0	71.0	71.0	71.2	71.3	71.3	71.3	
	12030		54.7	66.7	76.7	76.7	79.4	79.4	81.7	32.1	82.1	82.1	82.1	82.1	82.1	82.1	32.1	
									••••				0	****		0		
GE	100001		54.7	66.7	76.7	76.7	79.4	79.4	81.7	92.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	
 ΘE	9000		54.7	66.7	76.7	76.7	79.5	79.4	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	92-1	
	80301		54.7	66.7	76.7	76.7	79.4	79.4	B1.7	32.1	82.1	82.1	82.1	82.1	82.1	82.1	92.1	
	7030		54.7	66.7	76.1	76.7	79.4	79.4	81.7	35.1	82.1	82.1	82.1	82-1	82.1	82.1	12.1	
GE	60301		54.7	66.7	76.7	76.7	79.4	79.4	81.7	92.1	82.1	82.1	82.1	92-1	82.1	82.1	1.26	
 ĿΕ	50301		67.7	79.6	59.7	89.7	92.4	92.4	94.7	25.1	95.1	95.1	95.1	75.1	95.1	95.1		
GE	4500		67.7	79.6	39.7	89.7	92.4	92.4	94.7	95.1	95.1	95.1	95.1	75.1	95.1	9.5.1	95.1	
GE	40301		67.7	79.6	89.7	89.7	92.4	92.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	75.1	
GE	35001		67.7	79.6	89.7	89.7	92.4	92.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE	3030]		67.7	80.0	90.L	90.1	92.8	92.8	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
GΕ			67.9	80.2	90.3	90.3	93.3	93.0	95.3	75.7	95.7	95.7	95.7	95.7	95.7	95.7	75.7	
GE	2030		68.7	81.1	91.3	91.2	93.8	93.8	96.1	96.5	95.5	96.5	96.5	95.5	96.5	95.5	95.5	
GE	18301		68.7	81.1	91.2	91.2	93.8	93.0	96.1	96.5	96.5	96.5	96.5	96.5	96.5	95.5	35.5	
GE GE	1500		70.8	84.2	93.3	93.8 94.2	96.7 97.3	96.7 97.3	99.0 99.6	99.4 133.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
UE	12001		11.2	04.2	74.5	94.2	77.3	71.5	77.0	133.0	103.0	103.3	100.0	111.1	103.3	100.0	133.3	
 GÉ	10001		71.2	84.2	94.2	94.2	9743	97.3	99.6	133.0	133.0	107.7	120.0	1111.1	100.0	100.0	133.3	
GE	9001		71.2	84.2	94.2	94.2	97.3	97.3		123.0				133.3	103.3	103.3	1111.1	
GE	830		71.2	84.2	94.2	94.2	97.3	97.3			100.0			133.3	103.3	103.3	133.3	
GE	7301		71.2	84.2	94.2	94.2	97.3	97.3	99.6	100.0			100.0		103.3		133.3	
GE	1009		71.2	84.2	94.2	94.2	97.3	97.3	99.6	133.0	103.0	100.0	100.0	100.0	100.0	100.0	100.0	-
GE	5001		71.2	84.2	94.2	94.2	97.3	97.3		133.0								
GE	400		71.2	84.2	94.2	94.2	97.3	97.3	99.6	133.0		100-0					133.3	
GE	300		71.2	84.2	94.2	94.2	97.3	97.3		133.0	100.0		100.0	133.3	100.0		133.3	
GE GE	200 l 100 l		71.2 71.2	84.2 84.2	94.2 94.2	94.2	97.3 97.3	97.3 97.3	99.6 99.6	133.0		130.3 10g.3			100.0	103.3	133.3	
UE	1001		11.2	04.2	74.5	94.2	7/1.3	71.3	77.0	1 10 . 0	103.0	100.0	100.0	133+0	104-0	107-7	133.3	
 GE	01		71.2	84.2	94.2	94.2	97.3	97.3	99.6	130.0	100.0	100.0	100.0	133.3	103.3	100.0	111.1	
• • •				• • • • • • •					• • • • • • •		•••••							

### PERCENTAGE FREDJENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DASSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1500-1700

														1: OCT			1500-17	
	LING										IN STAT	JIE MIL	E S					_
	N	Ī	GE	GE	ĞE	GE	GE	ĢE	GE	GE	5 E	ŝΕ	GE	G€	3 E	3:	35	36
FE	E Ţ	i	ŤΟ	6	5	•	3	\$ 115	Š	1 1/5	1 1/4	Ĭ	3/4	5/8	115	5/15	1/4	
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NO	CEIL	ı		20.8	25.3	32.1	32.6	34.6	34.6	35.7	36.4	36.4	36.4	36.7	35.7	35.7	35.7	36.
		•																
	20030		• 2	41.2	48.6	58.5	59.3	61.3	61.3	62.4	53.1	63.1	63.1	63.3	53.3	53.3	63.3	53.
	18030		• 5	41.2	48.6	58.5	59.3	61.3	61.3	62.4	63-1	63.1	63,1	63.3	53.3	63.3	63.3	53.
	16030		• 2	41.2	48.6	58.5	59.3	61.3	61.3	62.4	53.1	63.1	63.1	63.3	53.3	63.3	63.3	53.
	14000		• 2	41.6	49.1	59.3	59.7	61.8	61.0	62.9	63.6	63.6	63.6	63.B	63,9	63.3	63.5	63-
G E	15030	ı	• 2	50.D	58.6	69.5	70.4	72.6	72.6	74.2	74.9	74.9	74.9	75.3	75.3	75.3	75.3	75.
GE	10030	ī	•2	50.0	58.6	69.5	70.4	72.6	72.6	74.2	74.9	74.9	74.9	75.3	75.3	75.3	75.3	75.3
GΕ			• 2	50.0	58.6	69.5	70.4	72.6	72.6	74.2	74.9	74.9	74.9	75.3	75.3	75.3	75.3	75.
GE	8010	i	.2	50.0	58.6	69.5	70.4	72.6	72.6	74.2	74.9	74.9	74.9	75.3	75.3	75.3	75.3	75.
GE	7000	i	. 2	50.0	58.6	69.5	70.4	72.6	72.6	74.2	74.9	74.9	74.9	75.3	75.3	75.3	75.3	75.
GE	P030	1	• 2	50.0	58.6	69.5	73.4	72.6	72.6	74.2	74.9	74.9	74.9	75.3	75.3	75.3	75.3	75.
													<del></del>			:		
GE GE	5030 4530		٠2	70.1 70.1	78.7 78.7	89.3	93.5	92.8 92.8	92.8 92.8	94.3	95.0 95.0	95.0 95.0	95.0 95.0	95.5 95.5	95.5	95.5	95.5	95. 95.
GE	4030		•5	75.1	78.7	89.5	90.5	92.8	92.8	94.3	75.0	95.0	95.3	95.5	95.5	95.5 95.5	95.5 95.5	95.
GE	3500		• 2	70.1	78.7	89.5	90.5	92.8	92.8	94.3	95.0	95.0	95.0	95.5	95.5	95.5	95.5	75.
GE	3030		. 2	73.1	78.7	89.5	90.5	92.8	92.8	94.3	75.0	95.0	95.0	95.5	95.5	95.5	95.5	95.
O.	3000	•	••				,,,,	,,,,,	,,,,		,,,,	,,,,,	7,	,,,,,	,,,,,		,,,,,	
GE	2500		• 2	70.4	79.0	99.3	93.7	93.0	93.0	94.6	95.2	95.2	95.2	95.7	95.7	95.7	95.7	95.
GE	2000		• 2	71.5	80.3	91.5	92 • Ï	94.3	94.3	95.9	96.6	95.6	96.6	97.1	97.1	97.1	97.1	97.
GE	1830		• 2	71.5	80.3	91.2	92.1	94.3	94.3	95.9	96.6	95.5	96.6	97.1	97.1	97.1	97.1	97.
GE	1500		. 2	73.1	82.4	93.9	94.8	97.1	97.1	98,6	99.3	99.3	99.3	99.8	99.8	99.9	99.8	99.
GE	1230	ı	. 2	73.3	82.6	94-1	95.0	97.3	97.3	98.9	99.5	99.5	99.5	100.0	100.0	103.3	103.3	133.
GE	1030	<u> </u>	• 2	73.3	82.6	94.L	95.0	97.3	97.3	98.9	99.5	99.5	99.5	130.3	133.3	103.3	100.0	133.
G€	900	ĺ	• 2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	99.5	99.5	99.5	100-0	133.3	103.3	103.3	133.
GE	800		. 2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	99.5	99.5	99.5	100.0	100-9	100.0	103.3	133.
6 E	700	ı	. 2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	99.5	99.5	99.5		103.3	100.3	103.3	133.
GE	630	l	• 2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	79.5	99.5	99.5	100.0	100.0	103.3	100.0	133.
ĞĒ	500	_	•2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	99.5	99.5	99.5	100.0	-133 3		103.3	
GE	400		. 2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	99.5	99.5	99.5		133.3			133.
GE	300		. 2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	99.5	99.5	99.5	100.0				122.
GE	230	•	. 2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	99.5	99.5	99.5	100.0	100.3	103.3		133.
ĞĒ	130		. 2	73.3	82.6	94.1	95.3	97.3	97.3	95.9	27.5	99.5	99.5		133.3		103.3	133.
																	-	
GE	0	1	• 2	73.3	82.6	94.1	95.0	97.3	97.3	98.9	79.5	99.5	99.5	100.0	100.0	103.3	100.0	133.

GLOBAL CLIMATOLOGY BRANCH

PERCENTAGE FREQUENCY OF DECURRENCE OF CEILING MERSUS MISIBILITY

FROM MOURLY DASERWATTONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 616913 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-34 MONTH: OCT HOURS(LS YISIBILIIY IN STATUTE MILES ...
GE GE GE GE GE GE CEILING je -3 E GE GE GE 2 1 1/2 1 1/4 žΕ FEE1 1 10 6 5 1 2 1/2 2 NO CEIL I 37.9 23.7 31.3 36.3 36.8 38.1 37.7 39.1 39.7 39.7 39.7 39.7 37.7 39.7 6E 200301 43.2 56.2 53.) 63.0 64.3 64.2 65.2 55.B 55.8 65.8 65.3 65.7 55.3 66.3 65.3 65.2 65.8 65.8 67.5 06 190001 56.2 63.3 64.D 66.0 65.3 65.3 65.8 65.8 65.3 \$5.3 65.8 67.5 65.8 65.3 55.3 GE 140001 GE 120001 44.4 52.3 76.1 64.6 76.1 65.<u>6</u> 77.5 65.8 77.9 67.7 67.7 79.2 83.0 93.3 68.3 79.B 79.8 79.8 93.3 83.3 GE 100301 52.3 68.3 76.1 77.8 76.1 79.8 77.8 80.0 83.3 83.3 79.2 79.8 79.8 79.8 79.8 63.3 GE 90201 52.3 68.3 76 - 1 76 - 1 77.6 19.2 79.2 79.8 79.8 80.0 52.2 52.2 33.3 80.0 80.0 33.3 GE 10001 52.3 79.2 80.0 68.3 95.3 95.3 96.3 94.0 94.0 95.3 GE 50301 68.5 84.6 92.1 93.B 95.1 96.1 96.3 96.3 92.4 76.1 95.5 45301 68.5 84.6 92.1 95.5 95.5 96.1 96.1 96.3 96.3 96.3 96.3 GE 38 35001 30001 68.5 84.6 92.5 92.4 93.8 94.0 94.0 95.5 96.1 96.1 96.3 96.3 2500| 2000| 1800| 92.5 93.3 93.3 92.6 93.8 93.8 94.0 95.3 95.3 96.3 97.5 97.5 GΕ 84.8 94.2 95.5 95.5 95.7 96.3 95.3 97.5 97.5 96.5 95.5 95.5 97.7 69.3 86.0 86.0 GE 30 97.7 69.3 96.9 97.5 97.7 91.1 97.7 91.7 87.4 ĢΕ 15001 12001 98.4 99.0 99.0 99.0 70.4 95.9 07.3 99.0 99.8 99.8 100.0 122.2 103.3 100.3 133.3 131.3 133.3 133.3 99.8 99.8 99.8 95.7 95.7 95.7 97.5 97.5 97.5 99.0 99.0 99.6 99.6 99.6 100.0 133.3 97.8 99.8 103.3 103.3 GE 1000 70.6 88.1 95.9 97.3 6E 930 70.6 88.1 95.9 97.3 100.0 99.8 100.0 103.0 103.3 830 103.3 ĢΕ 70.6 99.B 100.0 88.1 6301 95.7 97.5 99.0 99.6 99.8 99. Ř 100.0 122-2 GE GE 5301 70.6 95.7 97.5 97.5 97.5 99.8 99.8 99.8 100.0 127.7 103.3 88.1 95.9 97.3 99.0 99.6 99.8 100.0 400 I 88.1 95.7 97.3 70.6 133.3 95.9 99.8 99.0 99.6 100.0 100.0 100.0 100.0 133.3 2301 70.6 97.3 100.0 100.0 100.3 100.0 ĞE 88.1 97.3 95.7 95.9 97.5 99.0 99.6 99.8 99.8 130.3 133.3 103.3 103.3 133.3 99.8 130.3 133.3 133.3 183.3 133.3

TOTAL NUMBER OF OBSERVATIONS:

70.6

88.1

75.7

01

99.0

99.6

97.8

GEOBAL CLIMATOLOGY BRANCH USAFETAC

## SESCENTAGE ESEMPTION OF DECONSERVE OF CETTING RESERVITIONS

AIR WEATHER SERVICE/MAC PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 2100-2300 
 CELLING
 VISIBILITY IN STATUTE MILES

 IN 1 GE
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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOUSELY OBSERVATIONS

 514				STATI				-				HONTH		42052	-84 (LST):	ALL	
CEI	LING		• • • • • • •		• • • • • • •					IN STAL			•••••	• • • • • • •	• • • • • •	• • • • • •	•••••
F	IN I ET [	1 D GE	GE 6	GE S	3 E	5 E 3	5 1\5 eE	G E 2	1 1\5 2E	SE 1 1/4	5E 1	GE 3/4	GE 5/8	5E 1/2	55 5/16	3E 1/4	3
	CÉĪL I	.1	23.5	37.9	46.5	46.9	48.6	48.7	50.0	53.3	50.3	59.3	50.3	53.3	53.3	53.3	53.3
 ri F	200001		35.1	53.5	63.7	64.3	65.8	66.0	67.2	67.5	67.5	67.5	67.6	67.6	67.5	67.6	57.5
	180301	ii	35.1	53.5	63.2	64.2	65.8	66.3	67.2	47.5	67.5	67.5	67.6	67.6	67.5	67.6	57.5
	100001	- :i	35.1	53.5	63.7	64.0	65.B	66.0	67.2	67.5	67.5	67.5	67.6	67.6	67.6	67.6	57.5
	140001	1	35.7	54.2	54.3	64.9	56.5	65.9	68.0	59.3	68.3	68.3	68.4	59.4	58.4	68.4	58.4
	120001	. 1	42.7	63.7	74.7	75.3	77.2	77.4	78.9	79.2	79.2	79.2	79.3	77.3	79.3	79.3	79.4
 GE	100301	1	42.8	63.8	75.1	75.4	77.1	77.5	79.1	79.3	79.3	79.3	79.4	77.4	79.4	79.4	79.5
 GE	90001	1	42.8	63.8	75.3	75.4	77.4	77.5	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.5
GE	80301	.1	42.8	63.8	75.3	75.4	77.4	77.5	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.5
 GE	7030	1	42.8	63.8	75.3	.75 - 4	. 77.4	77.5	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.4	77.5
GE	6030	. 1	42.8	63.8	75.3	75.4	77.4	77.5	79.1	79.3	79.3	79.3	79.4	79.4	79.3	79.4	79.5
 űE		.1	58.5	79.5	90.7	91.1	93.1	93.2	94.8	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2
 GE		1	58.5	79.5	40°i	91.1	93.1	93.2	94.8	75.0	95.0	95.1	95,2	95.2	95.2	95.2	33.2
GE	4030	- 1	58.5	79.5	90.7	91.1	93.1	93.2	94.8	₹5.B	95.0	95.1	95.2	75.2	95.2	95.2	95.2
 GE	3500	- <u>•                                   </u>	58.5	79.5	90.7	91.1	93.1	93.2	94.8	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2
GE	30001	. 1	58.7	79.8	91.1	91.5	93.4	93.6	95.1	95.4	95.4	95.4	95.5	95.5	95.5	95.5	75.6
 6E	25001	. 1	58.8	79.9	91.2	91.5	93.5	93.7	95.2	95.5	95.5	95.5	95.6	95.5	95.5	95.6	95.7
GE	2000	. 1	59.3	80.6	91.3	92.2	94.2	94.3	95.9	96.1	96.1	96.2	96.3	96.3	96.3	96.3	95.3
GE	1830 [	, i	59.3	80.6	91.3	92.2	94.2	94.3	95.9	96-1	96.1	96.2	96.3	95.3	96.3	95.3	95.3
GE	15301	.1	60.7	82.6	94.)	94.4	96.5	96.6	98.2	78.4	98.4	98.5	98.6	93.5	93.5	98.5	73.5
GE	12001	- 1	61.4	83.7	95.2	95.6	97.6	97.7	99.3	99.6	99.6	99.6	99.7	77.7	99.7	99.7	77.3
 ĿΕ	10301	.1	61.5	83.8	95.3	95.7	97.8	97.9	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	122.3
 GE	900	1	61.5	83.8	95.3	95.7	97.8	97.9	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	
GE	8301	. !	61.5	83.6	95.3	95.7	97.8	97.9	99.5	79.7	97.8	99.8	99.9	99.9	99.3		100.0
ĿΕ	730	اب	61.5	83.8	95.3	95.7	97.6	97.9	99.5	99.7	97.B	99.8	99.9	99.9	99.9		133.3
ĿΕ	6001	- 1	61.5	83.8	95.3	95.7	97.8	97.9	99.5	79.6	99.8	99.5	99.9	99.9	99.7	99.9	133.3
 ĿΕ	5301	• 1	61.5	83.8	95.3	95.7	97.8	97.9	99.5	99.8	99.8	99.8	99.9	99.9	99.9		133.3
GE	400	. 1	61.5	83.8	95.3	95.7	97.8	97.9	99.5	99.8	99.8	99.8	99.9	99.9	99.9		133.3
GE	330	- 1	61.5	83.8	95.5	95.7	97.5	97.9	99.5	99.8	99.8	99.5	99.9	**.*	93.3		133.3
GE	230	• !	61.5	83.8	95.3	95.7	97.8	97.9	99.5	79.8	99.8	99.8	99.9	**.*	99.9		133.3
GE	1001	. 1	61.5	83.8	95.5	95.7	97.8	97.9	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.7	133.3
 GE	01	. 1	61.5	83.6	95.3	95.7	97.8	97.9	99.5	99.8	99.8	99.8	99.9	99.9	97.9	99.7	133.3

GLOBAL CLIMATOLOGY BRANCH

SERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

USAFEFAC

FROM HOURLY DESCRIPTIONS

AIR MEATHER SERVICE/MAC

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
CCSC-CCCC (181) VISIBILITY IN STATUTE MILES

GE GE GE GE GE
2 1 1/2 1 1/4 1 3/4 5/8 GE GE 3 2 1/2 1/2 5/16 NO CEIL I 69.2 GE 200001 58.1 66.7 66.7 68.2 68.2 68.2 68.2 68.2 69.2 59.5 GE 14000] 58.1 58.1 66.7 66.7 58.2 68.2 58.2 58.2 68.2 65.2 53.5 23.7 66.7 66.7 68.2 68.2 58.2 68.2 68.2 68.2 63.2 63.2 63.2 53.5 68.9 75.9 23.7 24.1 58.6 64.0 67.1 73.1 68.6 75.4 68.<u>6</u> 75.4 58.9 58.9 68.9 69.7 68.9 65.7 69.7 59.3 GE 120061 75.7 GE 90301 GE 80301 73.2 73.2 73.2 75.4 75.4 75.4 75.9 75.9 75.9 75.9 75.9 75.9 75.9 75.9 75.9 24.1 64.0 73.3 75.0 75.9 75.9 75.9 75.9 75.7 75.4 75.3 64.0 73.3 75.9 75.7 75.7 7000 75.9 GE. 24.1 64.0 73.2 75.4 75.4 60301 96.3 96.3 96.3 96.3 96.3 GE 50001 GE 45001 GE 40001 98.5 98.5 98.5 98.5 98.5 98.5 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 99.9 99.9 47.1 87.1 96.1 99.3 ??:<u>3</u>_ 47.1 96.1 96.1 87.1 98.9 99.9 ĞΕ 30001 98.9 98.9 98.7 98.9 99.9 99.3 GE 25001 47.1 98.5 98.9 98.9 99.9 98.9 98.9 98.9 98.9 98.9 98.9 87.1 96.1 96.3 98.5 98.9 2000 47.1 47.1 87.1 87.1 96.1 96.1 96.3 98.5 98.5 98.5 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 99.3 GΕ 96.1 96.3 96.3 1500 98.9 99.9 98.9 GE 12001 47.4 98.7 99.1 10301 98.9 99.3 99.3 99.3 99.3 47.6 87.5 87.5 96.5 96.7 96.7 98.9 98.9 99.3 99.3 99.3 99.3 900 99.3 99.3 99.5 800 98.9 99.3 99.3 99.3 99.8 GE 700| 600| 87.5 98.9 99.3 99.3 99.3 99.3 GE 99.3 99.3 99.3 99.3 99.3 ĒΕ 99.6 100.5 5001 99.1 99.6 99.6 99.5 97.6 GE 47.6 96.7 96.9 99.1 99.6 99.5 87.5 99.6 47.6 87.5 87.5 96.7 96.7 96.9 99.1 99.1 99.6 99.6 99.6 99.6 99.6 99.6 99.5 99.6 122.2 400 330 GE 87.5 87.5 99.6 99.5 GE 230 99.5 99.6 99.6 99.6 99.6 111.1 1301 99.6 99.5 99.6 GE 99.6 100.5 99.6 99.6

SERCENTAGE FREQUENCY OF OCCURRENCE OF CELLING VERSUS VISIBILITY

	STA	110N NU	MBER:	616413	STATIO	N NA4E	: DAKA	R SENES	AL				PERIOD		080: 75 40.136	-84 (LSI):	3103-34	
		LING	••••	• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •			IN_SIAI							
	1	IN I	GE 10_	GE L	GE 5	GE .1	GE 3	GE 2 1/2	GE	GE 1 1/2	GE	5E	GE 3/4	GE 5/8	5 E 1/2	35 5/16	3E 1/9	3E
-	٠	CEIL 1		18.6	42.4	52.2	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.7	52.7	52.7	52.7	53.1
		200001	.3	20.4 20.4	48.8 48.8	59.) 59.)	59.9 59.9	60.5 60.5	60.5 60.5	60.5 60.5	50.5 63.5	63.5 63.5	63.5 60.5	60.7 60.7	60.7 63.7	63.7 63.7	63.7 69.7	51.J 51.J
	6 E	160301	. 3	28.4	48.8	59.7	59.9	60.5	60-5	60.5	60.5	63.5	60.5	60.7	63.7	63.7	63.7	51.3
		140301	. 3	20.4.	49.9	60.5	. 62.5	51.0	61.0	61.3	51.0	61.0	61.2	61.2	51.2	61.5	61.2	\$1.5
	GE	120301	. 3	21.4	54.3	65.3	65.9	65.9	66.9	67.4	67.4	67.4	67.4	67.7	67.7	67.7	67.7	53.3
	GΕ	100301	. 3	21.4	54.3	65.7	65.9	66.9	66.9	67.4	57.4	67.4	67.4	67.7	67.7	57.7	67.7	53.3
	ĢΕ		- 3	21.4	54.3	65.3	65.9	66.9.		67.4	67.4	67.4	67.4	67.7	67.7	67.7	67.7	59.3
	GE		.3	21.4	54.3	65.3	65.9	56.9	66.9	67.4	67.4	67.4	67.4	67.7	67.7	67.7	67.7	58.3
	_ <u>G</u> E	70301 60301	• 3	21.4	54.3	65.7	65.9	66.9	66.9	67.4	57.4 67.4	67.4	67.4	67.7 67.7	57.7 67.7	57.7 57.7	67.7	53.3
	GE	5000 i 4500 i	• 3	52.7	85.5	97.2	97.2	98.2	98.2	98.7	78.7	98.7	98.7	99.0	99.3	99.3	97.3	99.2
		40301	• 3	53.0	_ <u>85.8</u> _	97.4	- 97.4 97.4	98.4	98.4	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	??·5
		3530	. 3	53.0	85.8	97.4	97.4	98.4	98.4	99.0	99.0	99.0	99.3	99.7	99.2	99.2	99.2	77.5
	ĞĒ		.3	53.0	85.8	97.1	97.4	98.4	98.4	99.0	99.0	99.0	99.5	y / • 2	99.2	99.2	99.2	• • • • · · · · · · · · · · · · · · · ·
	GF	25001	. 3	53.0	85.8	97.+	97.4	98.4	98.4	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	
	űĒ		. 3	53.0	85.8	97.4	97.4	98.4	98.4	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.5
	ĞΕ	أمد 18	. 3	53.0	85.8	97.4	97.4	98.4	98.4	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.5
	GE		• 3	53.0	85.8	97.1	97.4	98.4	98.4	99.0	99.0	99.0	99.0	99.Z	99.2	99.2	99.2	99.5
	GΕ	1230	. 3	53.2	86.C	97.7	97.7	98.7	98.7	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.7
	GE		. 3	53.5	86.3	97.7	97.9	99.0	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7		133.3
	GE	9301	<del>- 3</del>	53.5	86.3	97.7	- 97.9	99.0	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7		133.3
	GE	7301	• 3	53.5	86.3	97.3	97.9 97.9	99.3 99.0	99.0	99.5	99.5 99.5	99.5	99.5	99.7 99.7	99.7	99.7 99.7	99.7	133.3
	GE	6001		53.5	86.3	97.7	97.9	99.0	99.0	99.5	99.5	99.5	99.5	99.7	97.7	99.7		133.3
	GE	5001	.3	53.5	86.3	97.9	97.9	99.0	99.0	99.5	79.5	99.5	99.5	99.7	99.7	99.7	93 7	133.3
	GE	9001	.3	53.5	86.3	97.7	97.9	99.0	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7		133.3
	GΕ	3001	. 3	53.5	86.3	97.)	97.9	99.3	99.3	99.5	99.5	99.5	99.5	99.7	99.7	99.7		133.3
	GE	2301	. 3	53.5	86.3	97.7	97.9	99.3	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7		133.3
	GE	loci	• 3	53.5	86.3	97.9	97.9	99.0	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	133.3
	GE	01	. 3	53.5	86.3	97.3	97.9	99.3	99.3	99.5	79.5	99.5	99.5	99.7	99.7	99.7	99.7	133.3
-	• • •		****	• • • • • • • • • • • • • • • • • • • •		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •		•••••	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	*******
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GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CELLING VERSUS VISIBILITY

AIR WEATHER SERVICE/MAC STATION NUMBER: 616413 STATION NAME: DAMAR SENEGAL PERIOD OF RECORD: 75-84
ADVIN: NOV 4045(FRI): JEDO-DŽOJ CEILING IN J GE GE. VISIBILITY IN STATUTE MILES

GE GE GE GE GE
2 1 1/2 1 1/4 . . . 1 3/9 3 5 GE GE 3E GE GE GE ...3 2 1/2 5/15 1/2 1/4 . 2 NO CETL | 23.7 55.2 47.9 54.7 56.3 56.0 56.3 56.9 57.1 57.1 56.9 56.9 56.9 57.1 57.1 59.8 59.8 59.8 GE 200301 25.5 70.3 71.6 71.6 72.5 72.5 72.5 72.1 72.5 12.1 69.7 71.9 72.5 72.5 72.7 12.7 25.5 69.7 70.3 70.3 71.6 71.6 71.6 71.9 72.5 72.5 72.5 72.5 72.5 12.7 12.7 72.7 72.7 GE 180001 12.7 12.1 6E 160301 72.7 GE 140301 25.5 27.0 69.7 75.5 72.3 71.5 71.9 72.5 72.7 79.3 71.6 78.0 72.7 17.1 64.6 79.3 79.3 79.3 79.3 78.5 78.5 78.5 79.1 79.1 79.1 79.1 79.1 79.1 79.3 79.3 79.3 GE 10030 27.0 64.6 76.5 76.5 78.0 78.0 78.3 78.0 78.0 78.3 79.1 79.3 79.3 79.3 75.5 79.1 79.1 79.1 79.1 G€ 90001 79.1 79.1 27.0 27.0 76.5 76.5 79.1 70201 78.0 78.5 79.3 6030 97.6 97.6 97.6 95.9 GΕ 50301 84.2 95.2 97.6 45001 96.0 97.5 98.0 98.7 98.7 98.7 98.7 98.7 98.9 98.9 GE 46.6 B4.2 95.2 46.6 84.2 95. 96.0 98.9 98.9 GE 3530 46.6 96.0 98.0 98.7 98.9 98.7 93.7 99.9 3030 97.8 97.8 97.8 97.8 99.1 99.1 99.1 84.4 95.1 95.1 95.1 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 99.1 99.1 99.1 GE 2500 46.6 96.3 96.3 98.2 98.9 99.1 99.1 2030 46.6 98.9 96.3 97.8 98.2 99.1 (s É 16001 96.3 99.1 41.3 GÉ 12001 98.9 99.6 99.6 10001 99.1 99.1 99.8 99.8 103.0 GE 47.5 85.3 97.1 98.7 99.8 103.3 133.3 96.5 98.7 99.8 99.8 100.0 GE 930 47.3 96.3 97.1 98.7 98.7 98.7 99.8 99.8 100.0 100.0 eäöj GE 85.3 99.8 100.0 133.3 85.3 99.8 700 47.3 96.3 98.7 99.8 6001 99.ì 100.0 100.0 iãããã GÉ 99.8 99.8 99.8 103.3 99.1 98.7 98.7 5001 47.3 85.3 99.8 99.8 103.3 103.3 96.3 98.7 100.3 85.3 85.3 99.8 99.8 99.8 GE GE 47.3 99.8 103.3 100.3 100.0 900J 96.5 97.1 98.7 99.8 99.8 3201 96.3 97.1 97.1 98.7 99.8 99.8 98.7 99.i GE 230 t 47.3 99.1 30.8 99.8 99.8 100.0 100.3 100.0 1001 99.1 99.8 99.8 100.0 100.0 ĢΕ 99.8 ĞĒ 01 96.3 97.1 98.7 98.7 99.1 99.8 99.8 99.8 99.8 133.3 103.3 100.3 133.3

SENCENTAGE ESECUTANCE OF DECRASSIONS ALS STREET OF CENTRAL SESSOR ALS SELECTED AS STREET OF CENTRAL SESSOR ASSESSED.

STATION NUMBER: 616413 STATION NAME: DAMAR SENEGAL

PERIOD OF RECORD: 75-84 MONTH: 404 HOURS(LST): 3900-1100 VISIBILITY IN STATUTE MILES
GE GE GE GE GE GE ---3 E ĞĒ - _{3ε} -S 1 1/5 1 1/4 GE GE GE 3 2 1/3 3/4 5/8 5/15 NO CEIL I 18.5 30.2 33.4 33.7 34.2 34.7 34.7 34.7 34.7 34.7 34.7 34.7 34.2 34.7 34.7 PE 500001 51.1 62.8 62.8 62.8 52.3 32.2 60.3 60.6 61.8 61.8 62.8 62.8 62.8 62.9 62.8 GE 160301 32.2 51.1 51.1 61.8 60.5 52.8 62.8 62.8 60.1 63.6 61.9 62.8 52.8 62.8 62.5 62.8 52.3 62.9 52.3 51.9 60.2 63.1 GE 140301 32.2 53-1 63.1 63.1 63.1 63.1 63.1 63.1 GE 150301 35.4 65.3 66.1 67.3 67.3 68.8 58.6 69.8 68.8 68.8 69.9 63.3 69.8 59.9 67.6 GE 100301 35.7 66.3 67.6 67.6 57.6 69.1 69.1 69.1 69.1 69.1 55.9 69.1 69.1 66.1 69.1 ĢĒ 90301 1000 35.7 35.7 55.9 55.9 66.1 66.3 67.6 57.6 69.1 69.1 69.1 69.1 69.1 69.1 69.1 69.1 69.1 69.1 59.1 69.1 69.1 57.1 7000 l 6030 l 66.3 69.1 69.1 69.1 35.7 69.1 49.1 66.1 67.1 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 96.0 97.5 50001 94.8 96.0 97.5 64.1 84.3 4530 64.1 96.0 97.5 97.5 ĢĒ 96.0 97.5 97.5 97.5 97.5 ĢE 35201 30301 96.0 97.5 97.5 97.5 97.5 97.5 97.5 GE 2500 84.3 84.3 94.5 96.0 96.0 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 77.5 77.5 GE 20201 94.8 94.8 64.1 96.0 97.5 94.5 96.0 96.0 97.5 97.5 99.5 GE 97.5 97.5 97.5 97.5 97.5 97.5 15201 85.3 86.3 64.8 95.8 99.5 98.5 98.5 79.5 99.5 GE 12301 65.6 98.0 86.8 97.3 97.3 97.3 98.5 98.5 98.5 65.6 97.3 98.5 100.0 130.0 100.0 100-0 100.0 100.0 103.3 100.0 GE 10001 űĒ 930 GF 8001 7001 65.6 97.3 98.5 98.5 100.0 133.0 103.0 100.0 130.3 100.0 133.3 103.3 133.3 100.0 86.8 103.3 133.0 100.3 100.0 133.3 GE 103.3 6301 65.6 98.5 98.5 100.0 133.0 100.0 100.0 100.0 100.3 100.0 103.3 133.0 133.3 97.3 97.3 97.3 97.3 97.3 97.3 98.5 99.5 99.5 100.0 GF 5001 65.6 86.8 98.5 98.5 100-0 133.0 100.0 100.0 101.3 103.3 86.8 430 65.6 100.3 100.0 133.3 133.3 133.3 98.5 100.0 100.0 103.3 6E 30 n i 133.0 100.3 100.0 103.3 133.0 103.0 G E 100.0 1301 ioa.a 100.0 100.0 133.3 193.3 100.3 98.5 100.0 133.0 103.0 100.0 100.0 103.3 103.3 103.3 112.1 GE 01 86.8 97.1 97.3 98-5 65.6

# PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY __FROM HOURLY OBSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL PERIOD OF RECORD: 75-34 HOUTH: NOV HOURS(LST): 1200-1400 CEILING
IN | GE GE GE
FEE! | 10 6 5 | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE HILES | VISTATUTE 1/5 NO CEIL I 37.6 65.9 GE 200001 38.4 56.2 63.7 64.2 65.2 65.2 65.9 65.9 65.9 55.7 GE 180301 38.4 56.2 64.2 65.2 55.2 65.9 65.9 65.9 65.9 65.7 65.7 65.9 55.7 66 160001 38.4 56.2 63.7 64.2 65.2 65.2 65.9 55.9 65.9 65.9 65.9 55.7 65.9 55.7 GE 14030| 38.4 41.6 64.2 70.2 65.2 71.2 65.9 65.9 63.7 65.9 65.9 55.7 65.7 65.7 55.7 GE izasal 71.9 71.9 71.9 71.9 71.9 71.9 71.9 71.9 71.9 71.2 71.2 71.2 71.2 71.2 71.2 71.9 71.9 71.9 71.9 71.9 GE 100301 41.6 61.8 69.7 70.2 71.9 71.9 71.9 71.9 71.9 6E 90001 70.2 70.2 69.1 71.7 41.6 71.9 71.9 71.9 71.9 71.7 GE 70001 70.2 97.0 97.3 97.0 GΕ 50001 98.1 98.1 98.1 98.1 98.1 98.1 98.7 98.7 98.7 98.7 98.7 98.7 68.5 88.6 96.5 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 68.5 GĒ 4530 88.6 96.5 98.7 99.7 98.7 93.7 98.7 99.7 93.7 93.7 23.7 GE 3000 68.5 88.6 96.5 97.0 98.1 98.7 78.7 93.7 98.7 98.7 73.7 ώË 25001 68.5 88.6 96.5 97.0 98.1 99.7 98.7 98.7 95.7 98.7 98.7 78.7 98.7 18301 68.5 96.5 97.0 97.0 98.1 98.1 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 88.6 98.1 98.7 93.7 73.7 99.7 99.7 GE 15001 69.3 99.6 99.6 69.5 97.7 89.9 100.0 130.0 103.0 100-0 100.0 123.3 103.3 103.3 133.3 1000 100.0 103.3 103.3 103.3 103.9 103.3 103.3 100.0 133.0 102.0 100.0 98.3 98.3 99.4 99.4 100.0 6.E 9001 69.5 89.9 97.7 100.0 100.0 100.0 100-0 133.3 830 l 69.5 89.9 97.9 99.4 133.0 103.3 103.3 130.3 133.3 133.3 99.4 99.4 120.0 103.3 7001 99.4 100.0 100.0 100.0 100.3 133.3 103.3 GE 100.0 100.0 199.0 100.0 100.0 133.3 103.3 5001 89.9 97.7 98.3 99.4 99.4 100.0 100.3 100.0 130.0 100.0 133.3 103.3 103.0 89.9 97.7 98.3 98.3 99.4 130.0 103.0 100.0 103.3 G€ 430 69.5 99.4 103.3 100.0 100.0 103.3 3001 99.4 100-0 100.0 100.3 103.3 133.3 100.0 133-0 (.F 2301 99.4 102.0 100.0 100-0 103.3 98.3 133.0 130.9 100.0 100.0 100.0 100.3 100.0 122.2 100-0 130-0 103-0 100-0 100-0 133-3 100.0 100.0 133.3

TOTAL NUMBER OF OBSERVATIONS:

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PERCENTAGE FREIJENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DESCRIPTIONS

1

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL PERIOD OF RECORD: 75-84 CCTL-EDG1 : 1121)2FUCH VON : HTPOP VISIBILITY IN STATUTE MILES GE GE GE GE 2 1 1/2 1 1/4 1 CEILINS

IN 1 GE GE GE GE GE SE FEET 1 10 6 5 4 3 ,2 1/2 GE GE GE 3E 5 4 3 2 1/2 3/4 5/8 1/2 5/15 . . . . . NO CEIL I 23.7 32.2 30.2 32.4 32.4 63.8 63.9 53.8 5 D . 8 WE 200001 39.7 58.4 58.9 60.1 60.8 6J.8 60.8 60.8 63.9 60.1 63.8 53.9 63.8 GE 18000Î 39.7 39.7 52.1 52.1 58.4 58,9 58.9 60.1 60.1 63.8 \$3.8 50.8 63.8 63.8 53.9 51.4 GE 160301 63.1 63.9 60.8 63.9 6E 140301 .2 52.4 56.9 51.3 58.1 39.7 56.2 59.4 60.6 63.6 61.3 61.3 61.3 61.3 61.3 61.3 68.1 68.1 64., 63.1 69.1 68.1 68.1 93.1 43.1 59.1 59.1 8070| 8030| . ? 56.9 64.5 65.1 66.6 66.6 58.1 58.1 69.1 68.1 69.1 ÚΕ 68.1 68.1 43.1 43.1 56.9 65.1 70301 64.5 66.6 56.6 68.1 58.1 65.1 68.1 68.1 55.1 68.1 63.1 53.1 60301 68-1 87.8 87.8 95.5 95.2 95.3 97.5 97.5 97.5 97.5 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 50301 74.1 74.1 74.1 99.0 99.3 • <u>2</u> 97.5 97.Q 99.D 99.0 99.3 99.3 üΕ 45 30 l 96.0 99.3 ĿΕ 99.3 74.1 95.5 87.8 35001 . ? . ? 96.3 99.3 99.3 99.3 GÉ 3000 95.5 97.5 99.0 99.0 99.0 95.5 95.5 95.5 96.0 96.0 GE 25 30 1 87.8 87.8 87.8 99.3 39.0 99.7 99.3 74 - 1 97.5 97.5 99.0 99.0 99.0 99.0 20301 74.1 97.5 97.5 97.5 99.0 99.0 99.3 99.3 ,,,, 99.3 99.0 **.3 97.0 18301 . 2 99.0 99.0 99.3 99.3 99.3 99.3 1530 100.0 100.8 96.5 97.0 6E 12001 . 2 75.1 88.8 98.5 98.5 100.0 137.0 103-0 100.0 iaa.a 100.3 iana 133.3 75.1 75.1 75.1 GE 10301 • ? 97.0 98.5 98.5 99.5 100.0 133.0 100.0 100.0 103.3 103.3 102.0 86.8 96.5 98.5 100.0 133.3 GE 9301 88.8 96.5 100.0 133.3 103.0 100.0 97.0 Ŀ Ę 8301 . 2 88.8 96.5 98.5 100.0 133.0 100.0 100.0 100.0 103.3 100.0 133.3 730 GΕ . 2 75.1 88.8 96.5 97.0 98.5 98.5 100.0 133.0 103.0 100.0 100.0 133.3 103.3 100.0 111. GE 600 75.1 97.0 98.5 133.0 . 2 88.8 96.5 98.5 100.0 100.0 100.0 100.0 100.0 103.3 100.3 133.3 100.0 GΕ 5 30 1 75.1 88.8 97.0 99.5 100.0 100.0 100.0 100.0 133.3 100.3 96.5 98.5 100.0 75.1 75.1 98.5 98.5 98.5 103.0 100.0 133.3 6 E 4301 . 2 88.8 96.5 97.3 123.0 100.0 100.0 103.3 100.0 133.3 3301 . 2 88.6 96.5 97.0 100.0 130.3 100.0 103.3 133.0 75.1 G.F 2381 . 2 .... 96.3 97.7 94.5 98 - 5 103-0 133.0 103.0 100.0 120.0 11111 103.3 103.3 111.1 1001 75.1 97.0 133.0 100.0 100.0 100.0 103.3 100.3 G E 88.8 98.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 431

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GLUBAL CLIMATOLOGY BRANCH AIR WEATHER SERVICE/HAC

PERCENTAGE FREDUCIVEY OF DECEMPRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY DOSERVATIONS

STATION NUMBER: 616413 STATION NAME: DAKAR SENESAL PERIOD OF RECORD: 75-34

NOV HIVON HIVON ............ CEILINS
IN I GE
FEET I 10 NO CEIL 1 21.4 30.6 32.2 32.2 32.2 62.9 62.B 62.8 52.3 PE 500301 39.6 59.7 63.4 61.9 61.9 52.8 62.9 62.8 62.8 GE 180301 39.6 54.4 69.4 61.9 61.9 52.8 62.8 52.9 62.8 52.8 52.3 62.3 57.3 39.6 54.4 59.7 52 · B 62.8 62.9 52.8 62.3 55.7 61.9 71.1 64.3 74.2 64 • 3 74 • 2 64.3 74.2 GE 140001 43.7 61.5 63.4 63.4 54.3 64.3 64.3 74.2 GE 120301 44.7 74.2 74.2 70.3 70.3 71 - 1 71 - 1 71 - 1 74.2 74.2 74.2 74.2 74.2 74.2 74.2 12.1 12.9 74.2 74.2 74.2 74.2 74.2 74.2 44.7 44.7 44.7 90301 63.0 GE 6E 70001 63.0 12.7 74.2 74.2 74.2 74.2 74.2 74.2 74.2 74.2 74.2 63.0 74.2 74.2 70.3 74.2 GĒ ьoãoi 44.7 63.0 72.7 88.3 88.3 96.5 96.5 96.5 98.0 98.0 98.2 98.2 98.2 99.6 99.6 GE 50301 73.0 95.5 99.6 99.6 99.6 99.6 99.6 99.5 99.6 99.5 99.5 99.5 70.0 95.5 99.6 99.6 45001 99.6 99.6 99.5 6.F 40301 70.0 99.6 99.6 99.6 98.0 99.6 99.6 99.6 70.0 98.2 35001 99.6 88.3 95.3 ĠĒ 30001 70.0 98.2 99.6 99.6 99.6 99.6 2530 96.5 96.5 96.5 99.6 6E 70.0 99.6 99.6 98.3 99.6 99.6 50201 70.0 99.5 99.6 ٠ 99.6 LΕ 18301 70.0 88.3 95.5 98.0 98.2 99.6 99.6 99.6 99.6 97.5 99.5 99.5 99.5 15001 70.5 100.0 133.0 100.0 130.3 103.3 70.5 12001 98.7 inn-n 100.0 100.0 () F 10201 70.5 88.8 96.9 98.7 100.0 100.0 100.0 100.0 103.3 96.3 99.5 100.0 100.0 100.0 100.0 96.) 103.0 100.0 ĿΕ eoni 70.5 88.8 96.9 98.5 98.7 100.0 133.0 100.0 100.0 100.0 103.3 103.3 133.3 96.9 70.5 70.5 100.0 100.0 100-0 103.0 GE 6001 98.5 98.7 100.0 120.0 100.0 100-0 100-0 100.0 100.0 98.5 100.0 100.0 6E 5001 70.5 88.6 96.1 99.7 100.0 133.0 100.0 100.0 100.0 133.3 96.9 100.0 430 j 330 j 70.5 96.] 96.9 96.9 98.7 133.0 100.0 103.0 133.3 100.0 100.0 103.3 103.3 133.3 98.5 ĞE 88.8 100.0 132.3 103.3 100.0 70.5 96.9 200 100.0 100.0 GE 1001 86.8 96.3 98.5 98.7 100.0 133.0 100.0 100.0 100 · D 100.0 102.3 100.0 133.3 79.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 01

CL PAL CLIMATOLOGY SHANCH

A FEAT ER SE VICE/MAC

**SKY COVER** 

-1 STATON - LAKAL SENEGAL STATON LAME

76-85

.__JAN....

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

нтиом	HOURS	i t			PERCENTAG	E FREQUENC	Y OF TENTH	IS OF TOTAL	SKY COVER				MEAN	***
	LS.7+	. 0	i .	2	3	4	5	6	7	8	9		* TENTHS OF ** : *EP * : := *	
حدث	3-82	. 42.	. 1.3		: u_5	11.8	7.8	8-2		7.5	12-4	1.6	3.4	306
	<u> </u>	. 47	2.2		5.5	8.8	5.5	5.5		9.9	12.7	2.8	3.4	18
	.20-01	42.6	3.7		6.1	7.4	6.8	9.1	ļ	7.8	14.5	2.0	3.5	29(
	11	. 24.2	2.6		5.7	9.7	5.7	8 . 8		17.6	18.5	3.1	4.9	22
	12-14	. 2 -3	5.7.	·	7.1	8.4	5.4	_11_8_		15.2	16.8	1.3	4.4	29
	12-17	. 27.8	7.2		7.2	9.7	3.8	10.1		14.3	18.6	1.3	4,4	23
	12.	. 26 <b>- 1</b>	4.2		4.6	8.2	5.2	10.8		16.7	21.2	2.9	5.0	30
	1-23	31.1	2.7		7.7	14.2	9.3	7.1		13.1	9.3	5.5	4.1	18
	. ———	·			-									
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			<del></del>											
	·	 												
101	TALS	33-7	3.7		h-8	9.8	6.2	8.9		12.8	15.5	2.h	4.1	203

USAFETAC JUL 64 0-9 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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#### SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover and total number of observations. It is presented by month and available 3-hour groups.

NOTES: 1. Some sources of punched data used for this summary report cloud amounts in eights. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in eights. The manner of conversion is given below:

EIGHTS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscure	ed) 10

2. For Airways stations the symbols of clear, scattered, broken, overcast, and obscured were used as input for the total sky cover.

Clear was converted to 0/10 Scattered was converted to 3/10 Broken was converted to 9/10 Overcast was converted to 10/10 Obscured was converted to 10/10

H PERCENTAGE EREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY DASERVATIONS GLOBAL CLIMATOLOGY BRANCH AIR WEATHER SERVICE/MAC STATION NUMBER: 616410 STATION NAME: DAMAR SENEGAL PERIOD OF RECORD: 75-85
MONTH: ALL HOURSELSTI: . . . . . . . . . . . . ........... VISIBILITY IN STATUTE MILES GE GE GE BE SE GE 3 E 1 1/2 1 1/4 115 5/16 NO CETE 1 .1 20.6 35.2 43.3 43.8 46.0 46.2 53.3 48.6 49.7 49.8 53.1 53.2 51.2 49.3 49.6 63.5 GE SDONO! 45.9 55.7 56.8 59.5 64.0 64.0 27.7 62.6 63.8 64.2 54.5 64.5 64.6 64.6 64.7 GE 160301 63.5 GE 14030 65.3 60.3 72.3 GE 100301 72.4 76.8 76.8 76.8 77.4 77.4 77.4 78.1 73.1 78.1 78.1 78.1 56.5 68.2 69.3 72.6 75.8 77.6 77.9 72.6 72.6 72.6 75.8 75.8 77.6 77.6 77.6 34.9 56.5 69.3 77.2 77.2 73.2 68.2 GĚ 8000 77.9 79.1 7000 77.4 34.9 56.5 56.5 75.8 76.8 76.8 79.1 73.2 79.2 G€ 68.2 73.1 ĢĖ ดีตวิตไ 69.3 72.4 47.1 47.1 89.0 89.0 GE GE 81.5 81.5 89.8 89.8 99.8 90.3 90.3 90.3 90.3 90.3 90.3 93.4 93.4 93.4 50301 45001 68.7 84.6 88.0 88.0 89.4 93.1 80.1 89.6 80.4 89.6 89.6 40201 68.7 60.4 84.6 84.8 88.1 93-1 93.3 93.3 3500 47.4 81.5 80.4 85.2 G.F 90.0 85.0 90.2 69.3 70.4 70.4 74.0 76.2 82.1 83.3 63.3 85.1 86.3 86.3 85.3 90.0 91.1 91.2 94.9 90.3 91.5 91.6 95.3 250nl 88.6 89.6 90.8 90.1 91.3 91.7 90.5 93.9 92.1 GE 47.5 61.) 82.2 2000 : 1 69.6 93.8 94.5 91.9 86.5 91.3 95.1 92.1 95.8 92.1 ĠE 1800 40.6 72.2 85.3 1500 92.4 GE 1230 97.3 98.1 95.2 99.3 99.3 77.4 GE 1030 53.B .1 77.2 89.3 90.5 93.5 93.7 97.1 98.1 93.4 98.6 98.8 99.2 ΰĒ 900 • <u>i</u> 53.8 53.9 77.4 89.5 90.5 93.5 93.7 97.1 78 · 1 93.4 98.6 98.8 99.0 99.2 99.3 99.3 99.4 830 GE GE 730 90.7 90.8 l oca GE 97.4 78.4 99.8 94.2 94.2 94.2 97.5 97.5 97.6 99.3 99.3 99.5 GF 500 53.9 89.7 90.9 98.5 98.9 99.7 99.7 99.7 99.8 99.1 77.5 G.F 53.9 90.9 94.0 97.8 99.8 400 : 1 : 1 78.5 99.9 300 98.6 133.3 94.2 97.5 133.3 2301 39.6 98.9 99.1 99.3 99.7 99.9 99.0 GE 01 94.2 97.6 98.6 99.1 99.4 99.9 99.9

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GLUBAL CLIMATOLOGY BRANCH

SERCENTASE FREQUENCY OF DECURRENCE OF CEILING VERSUS VISIBILITY

USAFETAC

FROM HOURLY DESERVATIONS

 			-							•••••		HOVTH		42045	11571:	ALL	
 CEIL	l NS								MILITE			E.S					
 IN FEE		₽Ð. GE	. 6€ <u>.</u>	\$	GE	3 a		G E 2	35 1 1/2	5E 1 1/4	3E . 1	GE 3/4	GE 5/8	3E 1/2	3E 5/16	SE 1/4	; <u>1                                    </u>
• • • •	• • • • • •	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •	
 NO C	1 113		10-1	24.8	32.7	33.7	36.8	35.9	40.3	41.4	43.8	41.8	42.0	42.2	42.3	42.3	*2.3
	10000	.0	19.4	42.0	55.4	56.8	61.2	61.3	65.6	56.9	67.3	67.4	67.6	67.5	67.9	67.7	57.9
	9030T	<u></u> Q.		42.0	55.1	26.8	61.5	61,3	65.6	56.9	67.3	<u> </u>	67.6	67.0	67.7	61.9	\$1.2
	P0001	.0	19.4	42.0	55.+	56.8	61.2	61.3	65.6	66.9	67.3	67.4	67.6	67.8	67.9	67.9	57.9
	50701 70001 -	.0 -	_ 19 <u>+b_</u> 24+1	51.9	. <u>.55.?</u> 70.3	57.3	. 61.7 77.6	61.9 77.7	.66 ± Z 82 • 9	67.5 34.6	67.9 85.2	66.Q 85.3	66-2 85-6	68.4 85.9	69.5 85.9	68.5 85.9	59.5 95.9
	00201	.0	24.1	52.0	70.3	72.4	77.6	77.5	83.0	84.6	85.2	B5.3	85.6	85.9	85.7	85.9	35.3
	5030}	-0		52.0	10.3				83.Q	84.6	85.2	85.3	<b>95.</b> 6	_ 25?	8 5 • 3	85.9	35.0
	80301	-0	24 - 1	52.0	70.3	72.4	77.6	77.8	83.D	84.6	85.2	85.3	85.6	85.9	85.9	85.9	96.3
	10001			52.0	_ 70.1			17.8	83.0		. 45.2	85.3	. 05.6	45+2	85.9.		96.1
6E	60301	•0	24.1	52.0	70.7	72.5	77.6	77.8	83.0	34.6	85.3	65.4	85.7	85.9	86.3	86.3	95.3
	50301	•0	37.9	65.8	84.5	86.2	91.4	91.5	96.8	78.4	99.0	99.2	99.4	99.7	99.7	99.7	79.7
	45001	0	37.9	65.8	84.2	A6 . 2	91.4	91.5			29.0	22:1.	99.4	99.7	99.7	99.7	??.7
	4030}	•0	37.9	65.8	84.5	86.2	93.0	91.5	96.8	98.4	99.0	99.1	99.4	99.7	97.7	9.9.7	97.7
	3500  3000	•0	37.9	65.8	84.5 84.5	86.2	91 - 4	91.5 91.5	- 96 · B	98.4	99.0	. 99.1	99.4	99.7	99.7	99.7	99.7
G E	וחרחנ	•0	37.9	63.8	64.5	80.2	71.4	41.2	40.8	75.7	77.0	99.1	77.4	**.1	99.7	99.7	44.1
 ĠΕ	25001	.0	37.9	65.8	84.5	86.2	91.0	91.5	96.8	98.4	99.0	99.1	99.4	99.7	99.7	99.7	99.7
	5000[	• 0	37.9	65.8	84.5	86.3	91.4	91.6	96.8	70.4	99.0	99.2	99.4	99.7	99.7	99.7	99.3
	1830	• 0	37.9	65-8	84.5	86.3	91.4	91.6	96.8	98.4	99.0	99.2	99.4	99.7	99.7	99.7	99.9
	1500	.0	17.9	65.8	94.7	86.3	91.5	91.6	96.9	98.5	99.1	99.2	99.5	99.8	99.8	99.8	99.7.
bŁ	12001	• 0	37.9	65.8	84.3	86.4	91.5	91.7	96.9	98.6	99.2	99.3	99.6	99.5	99.9	99.9	**.*
 G E	10001	.0	37.9	65.8	84.3	86.4	91.5	91.7	96.9	98.6	99.2	99.3	99.6	99.8	99.7	97.9	99.3
6 E	930	• 0	37.9	65.8	84.3	46.4	91.5	91.7	96.9	98-6	99.2	99.3	99.6	97.8	99.9	99.9	99.9
GE	6001	.0	37.9	65.8	84.3	86.4	91.5	91.7	96.9	98.6	99.2	99.3	99.6	99.8	99.7	99.9	99.9
GE	7301	• 0	37.9	65.8	84.3	86.4	91.5	91.7	96.9	98.6	99.2	99.3	99.6	99.5	99.9	99.9	99.9
GE	6001	• 0	37.9	65.8	84.3	86.4	91.5	91.7	97.5	98.5	99.2	99.3	99.6	97.9	99.9	97.7	99.9
 GE	5001	.0	37.9	65.8	84.3	86.4	91.5	91.7	97.0	78.6	99.2	99.3	99.6	99.9	99.9	99.9	79.7
ĢĒ	•go į	• @	37.9	65.8	04.3	86.4	91.6	91.7	97.0	98.6	99.2	99.3	99.5	99.9	99.9	99.9	99.9
ĞĒ	300	٠Ö	37.9	65.8	84.3	86.4	91.6	91.8	97.0	98.6	99.2	99.4	99.6	99.9	99.9	99.9	133.3
GE.	5301	.0	37.9	65.8	84.3	86.4	91.5	91.8	97.0	78.6	99.2	99.4	99.6	99.9	99.7	99.9	133.3
GE	1301	.0	37.9	65.8	54.3	86.4	91.6	91.6	97.0	78.6	99.2	99.4	99.6	99.9	100.0	103.3	133.3
 G F	01	.0	37.9	65.8	84.3	86.4	91.6	91.8	97.0	98.6	99.2	99.4	99.6	93.0	103.3	102.2	133-3

TOTAL NUMBER OF OBSERVATIONS: 3542

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUGHLY DOSERVATIONS

STATION NUMBER: 616410 STATION NAME: DAMAR SENEGAL

PERIOD OF RECORD: 75-84
COSTON HONOR RECORDS TO THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY O

CE.	LINS								BILITY	IN SIAL		5						
		GL	GE	GE	GE	6 F		GΕ	6 5	äξ	3.5	GE	GE	3 E		3 €	3.5	
FI	rë i 📗 l	Ìΰ	6	5	•	3	3 1/3	Š	1 1/5	1 1/4	1	3/4	5/8	145	5/16	1/4	i,	
••	• • • • • • • •	•••••	•••••	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	•••••	•••
NO	CEIL I		7.9	21.8	29.7	31.3	33.2	33.2	37.4	38.2	38.9	38.9	39.2	39.2	39.2	39.2	39.2	
	200301	. 3	13.4	33.9	47.7	50.5	53.4	53.4	60.0	60.8	61.6	61.6	61.8	61.8	51.5	61.5	51.9	
	180301	· 3	13.4	33.9	47.7	50.5	53.4	53.4	63.0	∌3÷₿	61.6	61.6	61.8	61.3	51.3	61.3	21.5	
	160001	. 3	13.4	33.9	47.7	50.5	53. h	53.4	60.3	63.8	61.6	61.6	61.8	61.9	61.3	61.5	51.3	
	100001	• 3	14.2	34.7	40.7	\$1.3	54.5	54.5	61.1	61.0	65.6	65.6	62.9	62.9	62.9	62.9	52.7	
GE	150001	- 3	17.9	42.9	65.5	67.9	71.6	71.6	79.5	80.5	61.3	61.3	81.6	81.6	81.6	81.6	31.5	
	100001	• 3	17.9	42.9	65.3	67.9	71.6	71.6	79.5	80.5	81.3	81.3	81.6	81.6	81.6	81.6	11.5	
	6030 j	• 3	17.9	42.9	65.3	67.9	71.6	71.6	79.5	40.5	8 į • 3	81.3	81.6	51.5	81.5	81.6	31.5	-
	90301	. 3	17.9	42.9	65.3	67.9	71.6	71.6	79.5	\$0.5	81.3	81.3	81.6	81.5	81.6	B1.5	31.5	
	7030	• }	17.9	42.9	65.3	67.9	71.6	71.6	79.5	90.5	81.3	81.5	81.6	81.6	ê î • e	81.6	81.5	
GE	6000)	. 3	17.9	42.9	65.5	67.9	71.6	71-6	79.5	80.5	81.3	81.3	61.6	81.5	81.6	81.6	31.5	
GE		. 3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100.0	103.0	133.3	
GE		3	36.3	61.3	93.7	86.3	90.0	93.0	97.9	98.9	99.7	99.7		133.3	100.0		133.3	
GE	•	• 3	36.3	61.3	83.7	86.3	93.0	90.0	97.9	98.9	99.7		100.0				133.3	
Ģ£		• 3	36.5	61.3	63.7	86.3	90.0	90.0	97.9	78.9	99.7		100-0				133.3	
GE	30301	. 3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	103.3	100.0	100.0	133.3	
GE		. 3	36.3	61.3	63.7	86.3	90.0	90.0	97.9	98.9	99.7		100.0					
GE		. 5	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7		100.0					
GE		. 3	36.3	61.3	83.7	86.3	93.0	90.0	97.9	98.9	99.7		100.0					
GE		. 3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7		100.0					
GE	1200	• 3	36.3	61.3	63.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	103.0	100.0	103.0	133.3	
GE	10301	. 3	36.3	61.3	83.7	86.3	90.0	90.D	97.9	98.9	99.7	99.7	100.0	103.0	100.0	100.0	100.0	
GE		. 3	36.3	61.3	83.7	86.3	93.0	90.3	97.9	98.9	99.7		100.0			103.3		
GE		. 3	36.3	61.3	93.7	86.3	90.0	90.0	97.9	98.9	99.7		100.0			103.3		
. GE		. 3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7		100.0			100.0		
ĞĒ	6001	. 3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100-0	100.5	133.3	
GE		. 3	36.3	61.3	93.7	86.3	90.0	90.D	97.9	98.9	99.7		100.0			100.0	133.3	
GE	4001	. 3	36.3	61.3	83.7	B6 . 3	90.0	90.0	97.9	78.9	99.7		100.0			103.3		
ĞÊ	300	. 3	36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7		100.0				133.3	
ĢE	500)	3	36.3	61.3	83.7	B6.3	90.0	90.0	97.9	₹8.9	99.7		100-3			103.3		,
ĞĒ	joāļ		36.3	61.3	83.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	133.3	103.3	100.0	133.3	
GE	01	. 3	36.3	61.3	63.7	86.3	90.0	90.0	97.9	98.9	99.7	99.7	100.0	100.0	100-0	100.0	133.3	

TOTAL NUMBER OF OBSERVATIONS:

330

PERCENTAGE FREQUENCY OF DECURPENCE OF CEILING VERSUS VISIBILITY

FROM HOUSTLY DESERVATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC TATION NUMBER: 616413 STATUS MILES

YISIBILIIY IN SIGIUS MILES

OF GE GE SE SE SE 11 PERIOD OF RECORD: 75-84
MONTH: DEC HOURSILS STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL HOURS(LST): 1800-2000 CEILING IN 3E 3E GE GE SE 2 1 1/2 1 1/4 GE GE 1 1/2 5/16 NO CEIL I 11.3 16.2 21.5 22.3 24.8 24.8 28.5 29.3 29.3 29.3 29.5 29.9 29.9 23.3 GE 200001 59.4 59.4 59.4 59.8 59.8 26.8 37.9 48.4 49.2 52.5 52.7 58.0 59.2 59.2 59.2 59.8 59.8 59.8 59.8 59.8 GE 160301 37.9 49.2 52.5 52.7 52.7 58.0 59.2 59.2 59.2 57.3 26.8 26.8 48.4 GE 140001 21.5 36.3 58.8 60.0 6 D • Ş 60.7 82.8 83.6 83.6 83.0 GE 100001 36.3 52.5 80.9 82.8 82.8 82.8 84.4 54.4 84.4 84.4 84.4 54.4 34.4 68.3 74.2 74.2 74.2 74.2 10c08 36.3 68.7 69.9 83.6 83.6 53.6 84.4 80.9 10001 80.9 82.8 83.6 83-8 84.4 98.2 99.0 99.2 99.8 97.5 99.8 89.5 89.8 89.8 96.3 67.8 67.8 84.2 84.2 89.5 89.5 99.0 4500 4030 98.2 99.0 99.3 99.2 99.8 3500 51.6 67.8 96.3 98.2 99.0 99.0 3000 67.8 51.6 51.6 51.6 67.8 67.8 67.8 84.2 89.5 89.5 99.2 99.2 99.2 2530 85.2 89.8 96.3 98.2 99.0 99.0 99.8 99.8 99.5 85.2 99.0 GÉ 18001 89.8 96.3 78.2 99.0 99.8 99.8 99.8 77.3 15301 84.2 99.0 99.8 67.A 96. 1 99.8 99.8 99.5 99.8 67.8 67.8 67.8 85.2 85.2 85.2 89.8 84.2 96.3 98.2 99.0 99.2 99.5 77.8 GE 10001 51.6 89.5 99.0 ĢĘ 51.6 89.5 99.2 8001 98.2 99.0 99.0 99.0 84.2 96.3 99.0 99.8 99.8 77.5 7001 GE 89.8 98.2 99.5 99.4 5001 99.8 99.6 77.8 GE 51.6 89.5 89.8 96.3 98.2 99.0 99.0 99.2 99.8 67.8 84.2 85.2 900 j 84.2 89.5 96.3 98.2 99.0 99.2 99.8 99.5 51.6 51.6 67.8 89.8 99.0 99.8 99.0 99.4 GE 2001 67.8 99.0 99.0 99.2 99.8 99.8 99.0 99.5 133.3 103.3 103.3

103.0 133,3

SERCENTAGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

STATION NUMBER: 616413 STATION WATE: DAKAR SENEGAL PE9100 OF RECORD: 75-84 MONTH: DEC GE SE GE GE SE SE GE CEILING GE _ <u>1</u>__. GE GE FEET 1 10 2 1 1/2 1 1/9 NO CEIL I 12.6 33.2 17.8 24.0 28.6 33.2 33.2 33.9 33.9 33.9 33.9 33.7 24.3 28.4 GE 200001 53.1 59.7 60.0 63.6 55.6 27.5 41.2 53.8 65.9 65.9 66.6 66.6 66.6 66.6 50.0 60.0 63.6 65.9 65.6 GE 16030 41.2 53.1 53.8 66.6 65.6 55.5 65-5 GE 120301 50.D 73.5 53.B 65.9 59.1 73.2 63.6 77.3 65.9 83.5 65.9 80.5 66.5 81.7 65.5 31.7 GE 100001 32.7 71.3 77.3 77.3 73.2 80.5 80.5 80.5 64.3 80.1 80.5 81.5 81.7 81.5 GE 9030 73.5 73.5 83.5 83.5 81.5 81.5 81.7 81.7 81.7 31.7 64.3 GE 70001 17.3 77.3 10.1 80.1 80.5 81.7 99.8 50301 51.0 98.9 103.3 100.0 99.8 98.9 45301 51.0 83.1 84.2 91.8  $\frac{95.7}{95.7}$ 78.4 78.4 98.9 103.3 100.0 133.3 99.8 98.9 3500 84.2 95.1 99.9 99.8 103.3 100.0 25001 98.9 98.9 98.9 99.8 98.4 98.9 99.8 200.0 95.7 98.9 99.8 100.0 20001 67.7 83.1 84.2 91.5 91.8 91.8 100.0 133.3 GE 51.0 98.4 99.8 100.0 133.3 98.9 ĢĒ 15301 51.0 91.8 98.9 99.8 103.3 103.0 84.2 i ob. b 12001 98.9 99.8 99.4 103.3 99.5 GE 91.0 95.7 96.9 98.9 103.3 103.0 133.3 10001 51.0 67.7 63.1 91.5 78.4 99.8 98.9 98.9 98.9 98.9 95.7 75.4 99.8 91.8 900 51.0 67.7 83.L 84.2 84.2 91.5 91.5 GĒ 99.4 99.8 99.9 103.3 ióa.a 1111.1 99.5 51.0 103.3 103-0 7301 GE 97.5 100.1 iás.á 99.8 98.9 99.8 GE 5001 A 3 - 1 84.2 91.5 91.8 95.7 98.4 98.9 103.3 133.3 51.0 67.7 103.0 300 98.9 98.9 103.0 51.0 51.0 84.2 84.2 84.2 91.5 91.8 91.8 95.7 133.3 93.1 83.1 ĞĚ 98.4 99.8 99.8 103.3 95.7 95.7 98.9 200 67.7 83.1 83.1 91.8 51.0 98.4 98.9 99.B 99.5 103.3 103.3 1 1 2 . 3 98.9 97.8 103.3 103.0 133.3 01 91.5 98.4 51.0 67.7 83.1

GLOBAL CLIMATOLOGY BRANCH

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

PER100 OF RECORD: 75-84

99.6 133.3 103.3 103.0 103.3

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL

MONTH: DEC HOURS(LST1: 1202-1103 CEILING | GE 
 CEILING

 IN | GE GE GE GE GE GE

 FEET | 10 6 5 4 3 2 1/2
 1/5 2E GE 5/0 5E 5/16 NO CEIL I 12.6 20.9 26.3 27.2 31.1 35.8 35.5 35.3 GE 200301 55.1 55.1 63.0 63.0 63.0 67.4 55.7 68.7 28.3 28.3 GE 160301 -63.0 66.6 66.6 69.4 68.7 55.7 GE 140301 28.3 55.1 55.7 63.2 69.7 66.6 34.0 34.0 69.4 69.4 77.0 77.0 81.1 61.1 81.1 83.4 83.4 83.4 83.8 83.8 83.8 03.8 83.8 63.8 84.3 84.3 84.3 84.7 84.7 84.7 GE 100001 84.7 84.7 84.7 53.2 GE 80001 77.0 68.5 34.0 54.7 34.7 53.2 68.5 GE 70301 69.4 81.1 81.1 83,8 84.3 68.3 83.9 83.8 GE 50001 99.4 99.4 99.4 48.7 67.9 83.2 84.3 91.7 91.7 95.7 1.89 98.5 98.5 98.9 GE 4530 53.2 83.2 84.0 91.7 95.7 98.5 98.5 98.9 48.7 98.1 98.1 3500 2500 91.7 95.7 98.1 98.5 98.5 98.9 99.4 G E G E 16301 84.3 91.9 91.9 96.0 98.3 98.7 98.7 98.7 99.5 99.5 48.7 48.7 99.1 99.5 99.5 1500 98.7 98.7 83.3 83.3 1000 92.3 92.3 96.4 78.7 78.7 99.1 99.1 99.1 103.3 99.1 99.6 100.0 103.0 GΕ 930 68.1 84.7 84.7 92.3 96.4 99.1 99.6 133.0 103.0 133.3 103.3 103.3 133.3 700 103.3 46.9 84.7 92.3 96.4 96.7 99.1 99.1 100-0 630 92.3 100.3 99.1 99.1 99.6 133.0 100.0 133.3 430 j 330 j 93.3 84.7 84.7 75.7 GE 68.1 92.3 96.4 133.3 68.1 92.3 98.7 99.1 103.3 92.3 130 68.1 92.3 96.4 98.7 99.1 99.1 99.6 103.3 103.3

TOTAL NUMBER OF OBSERVATION :

οl

92.3

96.4

98.7

99.1

>ERCENTAGE FREDJENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY DASERYATIONS GLOBAL CLIMATOLOGY BRANCH USAFETAC

GĒ 1800

GF

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15001

12001

STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL GE GE 3 2 1/2 VISIBILITY IN STATUTE MILES
GE GE GE GE
7 1 1/2 1 1/4 1 CEILING | IN | GE | GE | GE | FEET | LD | 6 | 5 | 1 GE 5/8 GE G.F 1/4 5/16 NO CEIL I 24.7 10.0 20.6 25.1 28.5 28.5 31.6 32.5 33.3 33.3 33.7 34.4 34.4 34.4 ₽E 200001 21.1 4B.2 50.5 52.4 58.9 58.9 62.0 63.6 64.8 5 to - to 50.5 21.1 52.4 58.9 95.0 64.4 64.4 58.9 65.5 63.6 GE 160301 40.2 62.9 64.8 65.6 55.5 65.6 65.6 60.0 75.1 41.1 50.2 64.1 81.3 66.0 83.3 21.1 GE 120001 91.3 54.3 84.3 GE 9000 | GE 9000 | 83.3 83.3 82.1 84.3 84.3 84.0 26.3 50.2 65.3 67.9 75.1 75.1 79.9 B1 . 3 82.8 94.3 26.3 50.2 79.9 B1.3 82.1 82.8 84.3 84.3 67.9 75.1 75.1 75.1 75.1 65.3 84.3 84.0 84.3 GE 7030 á i i i 88.3 84.3 65.8 65.8 98.3 98.3 98.3 99.5 99.5 99.5 99.5 GΕ 50001 83.5 90. I 95.5 97.6 99.5 99.5 41.9 80.2 99.7 76.9 98.8 80.7 83.5 90.7 90.7 96.9 97.6 98.8 99.5 99.5 4500 4030 41.9 GE 3500 41.9 80.7 93.7 90.7 98.8 99.5 99.5 99.5 3000 97.5 99.5 99.5 77.5 99.5 25301 65.8 83.5 83.5 83.7 98.3 98.8 99.5 99.5 90.7 96.9 41.9 80.7 90.7 90.7 95.5 96.3 GE 20301 80.7 90.7 96.9 97.6 97.5 99.5

97.4 98.8 10301 65.8 84.D 91.1 91.1 95.9 99.1 99.3 130.0 103.3 103.3 81.3 GE 9001 41.9 81.3 91.1 98.1 99.3 130.3 103.3 100.0 133.3 65.8 81.3 84.0 97.4 98.1 98.8 99.3 100.0 103.0 103.0 65.8 95.9 93.1 GE 7301 41.9 81.3 84.0 91.1 1.19 99.3 100.0 199.3 103.3 133.3 GΕ 6001 98.8 103.3 100.0 103.3 103.3 133.3 97.4 65.8 65.8 81.3 91.3 84.D 91.1 91.1 91.1 98.8 4E 4001 41.9 95.9 98.1 99.3 \100.0 100-0 100.0 300 j 41.9 99.3 100.0 103.3 100.0 100.0 GE 2301 41.9 65.8 84.0 84.0 95.9 99.1 98.9 99.3 133.3 103.3 103.3 133.3 81.5 77.4 99.1 98.8 99.3 100.0 100.0 100.0 100.0 TOTAL NUMBER OF OBSERVATIONS:

95.5

96.9

97.6

98.3

98.8

99.8

....

99.5

...

90.7

90.9

90.9

91.1

65.8

65.8

41.9

80.7

PERCENTAGE FREDJENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY DASERVATIONS

STATION NUMBER: 616410 STATION NATE: DAKAR SENEGAL

PERIOD OF RECORD: 75-84
40414: DEC 40758(F21): 0800-0300

1	LINS I	GŁ	GE	GE	<b>6</b> E	GE	GE	G E	BILITY GE	GE	GE	GE	GE	, GE	3 E	SE	ŝξ
FE	ET I	10	<u> </u>	. 5		3	2 1/2	2	1 1/2	1 1/5	1	3/4	5/8	1/2	5/16	1/4	
•••		• • • • • •	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	•••••	• • • • • • •	•••••
NO	CEIL I		8.4	36.3	45.2	46-8	49.8	\$0.0	53.6	54.2	54.6	54.8	54.8	55.0	55.0	55.3	55.2
	10000		12.8	50.0	63.+	66.0	68.9	69.5	73.5	74.4	74 - B	75.0	75.0	75.2	75.2	75.2	75.2
	180301		15.0	50.0	63.4	66.3	.68.9	69.5	73.5	74.4	74.B	75.0	75.0	75.2	75.2	75.2	75.
	100001		12.8	50.0	63.4	66.3	58.9	69.5	73.5	74.4	74.8	75.0	75.0	75.2	75.2	15.2	75.
	140301		12.0	50.0	63.5	66.9	62.3	70.0	73.9	.74 . 0	75.2	75.4	75.4	75.6	75.6	75.5	75.
GE	15030		14.9	58.0	77.1	79.8	83.0	83.8	88.9	90-1	93.5	90.8	90.8	91.3	91.3	91.3	91.3
66	100301		14.9	58.2	77.3	80.0	83.2	84.0	89.1	90.3	93.8	91.B	91.0	91.2	91.2	91.2	71.2
6E	9000I		14.5	50.2	77.3	60.0	93.2	84.0	89.1	93.3	97.8	91.0	91.0	91.2	91.2	91.2	91.
6E	80301		14.9	58.2	77.3	80.0	63.2	84.0	89.1	90.3	90.8	91.0	91.0	91.2	91.2	91.2	91.
ý E	10301		14.9	58.2	17.1	83.2	. \$3.2	84.0	65.7	. 5 <b>0</b> +9	92.8	91.0	91.0	2 - 16	91+2	91.2	91.
GE	PD30		14.9	58.2	77.3	80.0	83.2	84.0	89.1	90.3	93.8	91.0	91.0	91.2	91.2	91.2	71.
GE			23.3	66.6	85.7	88.4	91.6	92.4	97.5	98.7	99.2	99.4	99.4	97.6	97.5	97.6	77.5
Ŀ€	4530		23.3	66.6	85.7	. 68 - 4	91.6	92.4	97.5	98.7	99.2	99.4	99.4	99.6	99.5	99,6	99.
GE	40301		23.3	66.6	85.7	86.4	91.6	92.4	97.5	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.
6E	3530		23.3	66.6	85.7	88.	91.6	92.4	97.5	99.7	99.2	99.4	99.4	99.6	99.5	97.5	99.
GE	30201		23.3	66.6	85.7	88.4	91.6	92.4	97.5	98.7	99.2	99.4	99.4	99.6	99.6	99.5	??.
GE	2500		23.3	66.6	85.7	88.4	91.6	92.4	97.5	78.7	99.2	99.4	99.4	99.5	99.6	99.6	79.
υE	5000		23.3	66.6	85.7	80.4	91.5	92.4	97.5	98.7	99.2	99.4	99.4	99.6	99.5	99.6	99.
GE	18301		23.3	66-6	85.7	88.4	91.6	92.4	97.5	98.7	99.2	99.4	99.4	99.5	99.5	99.6	99.
GE	1530		23.3	66.6	95.7	8 B . 4	91.6	92.4	97.5	98.7	99.2	99.4	99.4	99.6	99.5	99.5	99.5
66	12301		23.3	66.6	85.7	86.7	91.6	92.6	97.7	98.9	99.4	99.6	99.5	99.9	99.9	99.5	99.
GE	10301		23.3	66.6	85.7	88.7	91.8	92.6	97.7	78.9	99.4	99.6	99.6	99.5	99.5	99.8	99.5
GE	9001		23.3	66.6	85.7	86.7	91.8	92.6	97.7	98.9	99.4	99.6	99.6	99.8	99.9	99.8	99.
GE	830(		23.3	66.6	85.7	86.7	91.8	92.6	97.7	98.9	99.4	99.6	99.6	99.8	99.8	97.8	99.
GE	7301		23.3	66.6	85.7	88,7	91.8	92.6	97.7	78.9	99.4	99.6	99.6	99.5	99.3	97.5	<b>33.</b> !
GE	6301		23.3	66.6	85.7	88.9	92.3	92.9	97.9	99.2	99.6	99.8	99.8	103.3	103.3	100.0	100.
GE	5001		23.3	66.6	85.7	88.9	92.0	92.9	97.9	99.2	99.6	99.8	99.8	133.3		100.3	
ĢĒ	4001		23.3	66.6	85.7	88.9	92.0	92.9	97.9	99.2	99.6	99.8	99.8	100.0	100.0	103.0	100.0
GÉ	3301		23.3	66.6	95.7	88.9	92.0	92.9	97.9	99.2	99.6	99.8	99.8	103.3	100.0	103.0	133.5
ĢĒ	5 2 0		23.3	66.6	85.7	88.9	92.0	92.9	97.9	79.2	99.6	99.8	99.B	133.3	103.3	100.0	133.
ĞĒ	1301		23.3	66.6	85.7	88.9	92.5	92.9	97.9	99.2	99.6	99.8	99.8	100.0	103.3	103.3	1 3 3 . :
6£	01		23.3	66.6	95.7	88.9	92.0	92.9	97.9	99.2	99.6	99.8	99.8	100.0	100.0	103.3	100.

GLOBAL CLIMATOLOGY BRANCH

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY DESERVATIONS

AIR WEATHER SERVICE/HAC

STATION NUMBER: 616410 STATION NAME: DAKAR SENEGAL PERIOD OF RECORDS 75-84 HONTH: DEC HOURS(LST): 3303-3503 CEILING IN FEET GE GE GE SE GE 68 1 1/2 5/8 1/2 5/16 NO CEIL I 56.3 57.1 57.1 57.1 57.1 57.1 57.1 75.3 75.0 75.0 75.0 75.3 GE 200301 11.3 72.9 74.2 75.0 75.0 42.9 63.7 68.4 68.4 75.0 75.0 GE 160301 72.9 74.2 74.2 75.0 75.0 75.0 75.0 75.0 75.0 75.3 75.0 75.3 75.0 6E 120301 75.0 39.9 75.8 89.7 75.5 ,,, 77.5 77.5 99.7 89.7 82.9 50.8 38.9 89.7 89.7 89.7 89.7 89.7 90001 12.9 79.2 89.7 73.3 82.9 89.7 89.7 89.7 89.7 7000 89.7 93.3 50.8 38.9 69.7 89.7 89.7 89.7 6Ē 89.2 92.9 92.9 92.9 98.9 98.9 98.9 98.9 99.7 99.7 133.3 GE 50301 22.9 60.8 87.5 92.9 99.7 99.7 99.7 97.4 97.4 97.4 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 4530 99.7 99.7 133.3 22.9 60.8 92.9 Ğ€ 40001 60.8 A 7 . 5 89.2 92.9 99.7 GE GE 60.8 133.3 1020 60.8 111.1 GE 2500 22.9 22.9 22.9 60.8 87.5 87.5 87.5 89.2 89.2 89.2 92.9 92.9 92.9 92.9 92.9 92.9 97.4 97.4 97.4 98.9 98.9 98.9 99.7 99.7 99.7 99.7 99.7 99.7 133.3 133.3 60.8 GΕ 18001 99.7 99.7 99.7 99.7 99.7 133.3 60.6 89.2 Ĺ₽ 1230 87.5 87.5 67.5 G.F 10001 92.9 92.9 92.9 97.4 97.4 97.4 98.9 98.9 98.9 97.7 22.9 99.1 99.1 99.7 60.8 89.2 92.9 99.7 133.3 930 22.9 60.8 89.2 92.9 99.7 GE 99.7 99.7 99.7 99.7 99.7 iaa.i 133.3 GΕ 600 60.B 99.7 GΕ 500 22.9 37.5 89.2 92.9 97.4 97.4 97.4 78.9 99.7 99.7 99.7 99.7 99.7 79.7 99.7 133.3 60.8 92.9 GE GE 400 J 22.9 60.8 92.9 98.9 99.7 99.7 133.3 99.7 99.7 99.7 99.7 2301 22.9 GF 60.8 37.5 89.2 92.9 98.9 99.7 99.7 99.7 99.7 99.7 GΕ 60.B 92.9 87.5 89.2 99.7 99.7 99.7 99.7 97.7 92.9 97.4 98.9 97.7 133.3 99.7 133.3 92.9 97.4 01 60.B 78.9 99.7

TOTAL NUMBER OF OBSERVATIONS:

310

GLOBAL CLIMATOLOGY BRANCH USAFETAC_____ PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILLING VERSUS VISIBILITY

AIR WEATHER SERVICE/MAC STATION NUMBER: 616410 STATION NAME: DAKAR SEVESAL MONTH: DEC HOURS(LST): 3303-3203 VISIBILITY BY STATUTE MILES

GE GE SE SE GE CEILING G E G.F SE FEET L LO 1 1/2 2 1/2 3/4 5/6 1/2 5/15 1/4 NO CEIL I 32.5 44.8 47.7 47.7 100001 39 100001 39 45.0 45.0 45.0 64.1 64.1 68.4 59.0 59.3 69.0 69.4 69.4 69.4 73.3 69.6 69.4 69.4 69.4 69.6 59.5 12.4 60.5 61.1 64.1 60.5 12.4 bl.1 69.4 70.0 69.4 59.5 59.5 69.4 GE 140001 GE 120001 70.0 61.1 78.5 10.2 12.4 61.3 77.3 82.5 89.6 89.6 88.6 88.6 87.5 89.5 89.5 GE 100301 85.6 85.6 89.2 87.5 87.5 87.5 15.6 56.0 77.3 78.5 B2 - 5 87.8 89.2 89.2 67.2 \$7.5 78.5 87.8 87.8 89.2 89.2 89.2 \$7.5 \$7.5 GE 90301 15.6 56.0 82.6 82.6 89.2 89.2 89.2 87.8 56.0 56.2 60301 89.5 99.6 99.6 99.6 99.5 99.8 99.8 ??.8 ??.3 i, F 50201 25.8 66.3 88.8 92.9 92.9 98.2 99.0 99.6 88.7 99.6 GE 4500 88.2 92.9 92.9 98.2 99.0 99.6 99.5 66.3 80.8 99.6 99.6 35001 99.6 99.6 GE 25001 92.9 98.2 99.6 99.3 99.8 77.3 77.8 77.8 58.2 88.8 92.9 99.D 99.6 99.6 97.6 25.8 66.3 92.9 92.9 98.2 98.2 98.2 98.2 1820 5030 66.3 88.2 99.0 99.6 99.6 99.6 99.6 99.B 99.8 88.8 ĢĒ GĒ 1500 66.3 88.2 99.0 99.6 99.6 99.6 99.6 99.8 99.5 12001 99.3 99.5 99.5 99.6 99.6 99.5 99.6 99.6 99.6 99.8 25 · 8 25 · 8 88.2 GE 930 88.8 92.9 92.9 98.2 99.0 99.6 99.5 98.2 98.2 99.0 99.8 ĞΕ 800 GE GE 66.3 88.2 88.2 88.8 92.9 99.6 99.6 99.6 99.6 99.5 99.8 7001 6301 99.6 99.6 99.3 92.9 99.0 97.6 99.8 GE 500 25.8 98.2 99.6 99.8 88.2 88.8 92.9 98.2 99.6 99.6 99.3 GE 4001 25.8 66.3 93.1 133.3 GĒ 3001 66.3 98.4 99.2 99.8 99.8 99.8 99.8 99.8 99.8 100.0 230 25.8 66.3 103.3 100 93.1 98.4 99.8 103.3 103.3 n i 66.3 01.1 ... 99 - R 99.9 99.6 99.5 103.3 103.3 133.3 **************

TOTAL NUMBER OF OBSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOUGHLY DASERVATIONS

PERIOD OF RECORD: 75-84
HONTH: NOV HOURS(LST): STATION NUMBER: 616413 STATION NAME: DAKAR SENEGAL CEILINS I VISIBILITY IN STATUTE MILES GE GE GE SE GE SΕ GE GF G.E 5. IN I GE FEET L 10 2.1/2 1/4 1 1/4 5/8 5/15 30.2 NO CEIL 1 20.1 . 0 41.3 41.6 w2.1 42.1 42.3 42.4 42.4 42.4 42.5 42.5 42.6 42.4 47.5 6E 160001 53.8 62.4 64.2 64.3 64.3 64.3 64.3 54.4 30.6 62.3 63.6 63.6 64.1 64.2 64.2 64.2 64.2 64.3 64 - 3 30.6 53.9 62.4 63.6 62.1 63.6 54.4 54.9 71.9 ñ 63.6 64.1 64 . 2 64.2 64.2 64.3 64.3 64.7 64.7 64.7 71.6 64.7 GE 14000 30.7 64.1 70.5 70.6 GE 120301 33.0 71.5 71.6 71.6 GE 100001 33.1 59.5 71.7 71.7 71.7 - 1 68.7 69.2 70.5 70.7 71.6 71.7 71.7 71.7 71.7 71.7 71.7 71.9 9020 59.5 59.5 68.7 69.2 70.6 70.7 71.7 71.7 71.7 71.7 71.7 71.9 71.6 33.1 33.1 71.7 6 F 7000 70.7 71.6 71.9 60001 6E 71.7 99.3 99.1 50001 60.2 86.7 96.3 97.8 97.8 97.9 97.9 98.8 98.9 98.9 98.8 98.9 99.9 98.8 98.9 98.9 98.9 98.9 98.9 93.9 98.9 98.9 93.9 98.8 75.9 GE 4530 60.3 97.8 97.8 98.8 86.7 96.4 98.9 98.9 96.4 98.8 98.8 GE 3500 60.3 86.7 ... 98.9 98.9 98.9 98.3 99.0 97.8 98.8 2530 96.4 98.9 98.9 98.9 99.3 99.0 99.3 60.3 97.9 98.9 99.3 99.1 96.4 96.4 96.8 97.1 97.8 97.8 99.3 60.3 97.9 98.9 GΕ 20301 86.7 99.3 99.1 98.8 98.9 98.9 98.9 97.1 БĖ 1800 86.7 98.9 1500 GE 60.7 98.3 98.5 98.3 99.3 99.4 99.4 99.4 GE 12201 60.9 99.8 99.8 99.8 GF 10307 61.0 A7-6 96.1 97.1 98.7 99.7 99.8 99.8 99.8 99.9 99.9 99.9 97.3 930 99.7 61.0 87.6 96.3 98.7 98.7 98.8 99.8 99.8 133.3 99.9 99.9 ĠE a do l 87.6 96.3 99.7 99.8 99.8 99.8 99.9 133.3 700 99.8 98.7 99.7 99.8 99.8 99.8 99.9 133.3 GĖ loca 99.9 99.7 99.8 99.9 99.9 99.9 GE 530 97.3 98.8 78.8 99.8 99.8 97.9 133.3 97.3 99.8 99.8 87.6 98.8 98.8 99.9 133.3 61.0 96.3 GĒ 3301 98.8 99.7 99.6 99.8 99.9 97.9 99.9 99.7 133.3 61.0 99.9 99.9 99.8 99.6 99.6 123.3 ĠE Iõci 61.0 96.3 98.8 99.9 93.3 99.9 133.3 GE n I - 1 61.0 87.6 97.3 98.8 20.6 99.8 00.0 93.3 00.0 00.0

TOTAL NUMBER OF OBSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH

SERCENTASE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

USAFETAC

ATD UFATHED CEDUTOF/MAC

AIR WEATHER SERVICE/HAC

STATION NUMBER: 616413 STATION NAME: DAKAR SENESAL

PERIOD OF RECORD: 75-84 CCES-COLS: 117-100

													HONTH	: 404	45042	(121):	\$103-53	33
	CEI	LING							V15I	FIFIIA	IN STAT	JIE .91L	<u> </u>	• • • • • • •				• • • • • • • • •
	EE		6E	GE <u>6</u> _	GE _ 5	GE	GE 3	5E .2 1/2.	ĞE	1 1/2	GE	GE 1	GE 3/4	GE 3/8	3E 1/2	3E 5/16	3E 1/4	3:
	N O	CEIL		17.2	34.2	39.5	39.9	40.2	40.2	40.4	40.4	40.4	40.4	40.4	43.4	40.4	43.4	43.7
		20000  18000		23.5	47.5	55.5	55.7 56.3	57.1 57.4	57.1 57.4	57.7 57.9	57.7 57.9	57.7	57.7	57.7 57.9	57.7	57.7 57.9	57.7	57.9
		160301		23.5	47.8	55.7	56.0	57.4	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	53.2
_		74030		23.5	47.8	55.7	56.0	. 57.4	57.4	57,9	57,9	57.9	57.9	57.9	57.7	57.7	57.7	5 9 . 2
	GE	12000		24.9	52.5	61.2	61.7	63.1	63.4	64.5	54.5	64.5	64.5	64.5	64.5	64.5	64.5	54.3
		100301		24.9	52.7	61.7	62.3	63.7	63.9	65.0	55.0	65.0	65.3	65.3	55.3	65.3	65.0	55.3
	GE			24.9 24.9	_ <del>52.</del> 7	61.7	62.3	63.7	63.9 63.9	65.0 65.0	55.0 65.0	65.0 65.0	65.3 65.3	65.0 65.0	65.J	65.3 65.3	65.J	55.3 55.3
		7030		24.9	52.7	61.7	62.3	63.7	63.9	65.0	65.0	65.0	65.0	65.0	b5.3	65.3	65.3	55.3
		6030		24.9	52.7	61.7	62.3	63.7	63.9	65.0	65.0	65.0	65.O	65.0	65.0	65.3	65.0	55.3
	GE	5030		59.6	87.4	96.1	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7		133.3
	GE	4500		59.6	87.4	96.4	97.0	98 - 1	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7		133.3
	GE	4000 l 3500 l		59.6 59.6	87.4 87.4	96.4 96.4	97.0 97.0	98.4	98.6 98.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7		133.3
	GĒ	3030		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7		133.3
	GE	25301		59.6	87.4	96.4	97.0	98.4	98.6	99.7	39.7	99.7	99.7	99.7	97.7	99.7	99.7	173.3
	GE	20301		59 . 6	87.4	96.+	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	133.3
	GΕ	18001		59.6	87.4	96.4	97.0	98.4	98.6	99.7	79.7	99.7	99.7	99.7	99.7	99.7		133.3
	GE	1500   1200		59•6 59•6	87.4 87.4	96 • • 96 • •	97.0 97.0	98.4	98.6 98.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7	133.3
	υE	10001		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	133.3
	GΕ	9001		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7		133.3
	GE	800		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7		133.3
_	GE	700(		59.6	87.4	96.4	97.0	98.4	96.6	99.7	79.7	99.7	99.7	99.7	99.7	99.7		133-3
	ĢΕ	600		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	133.3
	GE	5001		59.6	87.4	96.4	97.0	98.4	98.5	99.7	29.7	97.7	99.7	99.7	99.7	97.7		133.3
	GE	4 30 L		59.6	87.4	96.4	97.0 97.0	98.4	98.6 98.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7	99.7 99.7		133.3
	GE	2001		59.6	87.4	96.4	97.0	98.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7 99.7	99.7		133.3
	ĜĒ	1301		59.6	87.4	96.4	97.0	98.	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7		133.3
	GE	01		59.6	87.4	96.4	97.0	98.4	98.5	99.7	99.7	99.7	79.7	99.7	99.7	99.7	-97.7-	133.3
		-	• • • • • •	,			• • • • • •		• • • • • •	• • • • • •	•••••		• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • •

TOTAL NUMBER OF OBSERVATIONS: 356

AL AEAT ER SERVICE/MAC

**SKY COVI** 

STATION NAME

STATION NAME

FEB

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENT	S OF TOTAL	SKY COVE	R			W- 44.	
MONTH	(LST)	0	1	2	3	4	5	6	7	8	9	:0		٠.
<u>E 3</u>	JO-02	55.9	. 7		>.4	6,5	3.2	11.5		7.5	9.3		. 2 <u>.</u> 7 .	
	?-05	57.1	2.2		6.0	9.2	4.3	4.9		9.8	6.5		2.5	_
	008	53.8	3.6	<u>-</u>	6.9	6.1	5.1	10.8		7.2	6.1	4	2.6	
	-11	40.4	3.8		8.د	5.3	5.3	8.7		15.9	14.4	• 5	3 • R	
	12-14	4 . 5	4.3		6.1	7.5	6.5	6.5		15.8	12.2	4	3.6.	
	117	40.0	3.2		6.4	8.6	4.5	5.0		19.1	13.2		3.8	
	1 -20	39.1	2.6		7.3	6.6	6.2	8.4		17.2	12.8		3.8	
	21-23	34.2	3.9		4.6	15.7	5.9	9.8		10.5	9.8		3.5	
											ļ		!	_
													•	
													 <del> </del>	
101	TALS	45.3	3.3		5.1	8.2	5.1	8.2		12.9	10.5	• 3	3.3	1

USAFETAC FORM JUL 64 0-9-5 (DL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SECTAC CLIMATOLOGY BRANCH

**SKY COVEI** 

SAL CLIMATOLOGY BRANCH A FATHER SERVICE/MAC

AKAR SENEGAL STATISHAM

16-85

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PEPCEN 'AG	E FREQUENC	Y OF TENTH	IS OF TOTAL	SKY COVE	R			MEATA FIRMON DE	
	(L S T )	0	1	2	3	4	5	6	7		9 -	10	•	
<u> </u>	20-02	5:-6	2.6	<del>;</del>	4.3	6.9	7.2	5.9		6.6	. 8.9		2_6	
	:3- <u>as</u>	57.7	1.9		6.1	8.0	3.8	7.0		6.1	8.5	.9	2.5	
	86-4.	49.5	2.7		7.0	7.0	4.7	9.0		12.6	7.3	3	3.0	3
	0 -11	36.5	4.3		5.7	7.8	5.2	11.3		15.7	13.0	.4	3,9	2
	12-14	35.4	5.6		5.6	8.3	7.0	12.3		13.6	8.6	.7	3.6	3
	15-17	46.3	2.6		3.9	11.2	5.6	9.4		13.7	6.4	.4	3.2	2
	1:-20	43.3	2.7		4.7	7.0	8.0	9.3		13.0	11.0	1.0	3.5	3
	1-23	47.6	2.7		7.0	11.4	4.3	9.2		6.5	10.8	. 5	3.0	1
										ļ	-		 	
10	TALS	4.1	3.1		5.5	8.5	5.7	9.2		11.0	9.3	.1	3.2	2.5

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SE AL CLIMATOLOGY PRANCH AFETAC 4 : EATHER SERVICE/MAC

SKY COVE

1.410 JAKAN SENEGAL STAT IN HAW

76-85

APR

#### PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS:

MONTH	HOURS	i			PEZ NEAT	ERRO ENT	OF ENT	S OF TOTAL	SKY COVE	R			MEAN	1314
	(L 5 ↑ :	_ 0		·		4	5			8	9	10	HITENTHE OF ORH JURE → → →	N/I 
P	D-02	.3.5	2.4		. <u>5.5</u>	5.5	5.5	6.9		5.5	5 • 2	, <del></del>	2.0	2
	r-0°	57.0	2.5	· 	1.6	7.6	6.6	6.1	<del>_</del>	6.6	4 • 1	1.0	2.2	1
	 	54.9	1.7		1.3	8.0	5.9	7.C		10.1	4.9		2.5	2
	~ -11	40.7	6.1		5 • 6	9.5	7.4	11.7		9.5	9.1	. 4	3.3	2
	114	5 .3	2 - 4		7.6	8.3	6.3	9.4		8.3	7.3		2 . 8	2
	15-17	54.1	6-1		5.6	8.2	7.4	4.3		10.0	4.3		2.4	2
	1 -20	49.1	4.5		8 • 2	7.9	4.8	8.2		8.9	7.9	. 3	2 . 8	2
	1-23	51.	1.5		7.6	10.6	5.1	7.6		10.1	5.1	1.0	2.7	1
														ļ
101	TALS	52."	3.4		6.9	8.2	6.1	7.7		8.6	6.D	. 3	2.6	20

USAFETAC JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SE AL CLIMATOLOGY RRACCH

SKY COVEF

ALM SEATHER SERVICE/MAC

STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	[			PERCENTAG	E FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVE	R			MEAN	
MONTH	(L.S.T.)	0	I	2	3	4	5	6	7	8	9	10	- TENTHS OF Skilling 	No. 1
<u> </u>	00-02	57.7	3.0		1.2	6.2	6.2	4.9		5.9	8.2		2.4	3
	3-05	45.4	.4		4.5	12.1	8.5	9.4		7.6	8.5	. 4	3.0	2
	30-08	39.3	2.0		b.2	10.2	7.9	11.5		9.5	10.5	1.0	3.6	3
	30-11	35.4	3.3		9.9	10.3	5 • 8	9.9		11.9	13.2	. 4	3.8	2
	12-14	44.2	6.0		6.0	6.6	4.3	11.3		12.3	9.3		3.2	3
	15-17	44.7	4.7		4.3	8.7	4.7	9.5		13.4	9.1	. 8	3.3	2
	1 - 20	43.9	6.3		6.3	7.0	7.6	7.6		11.6	9.3	• 3	3.2	3
	.1-23	45.3	3 • 1		6.7	12.0	7.1	9.3		6.7	9.3	.4	3.0	2
	-									<del> </del>				
						1								i
701	TALS	44.	3-6		6.6	9.1	6.5	9.2		9.9	9.1	5	3.2	21

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

OL AL CLIMATOLOGY ARANCH AFETAC Alm Reather Service/Mac

2

**SKY COVER** 

STATION STATION NAME

75-84

--- JUN

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			_	PERCENTAG	E FREQUEN	CY OF TENTI	S OF TOTAL	SKY COVE	R			MEAN TENTHL OF	TOTA, NO CE
	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	•	
Ji	0-02	24	3.4		9.6	8.9	11.3	11.3		14.7	15.4		4.6	292
	-7-05	20.6	4.6		7.7	11.3	10.8	13.9		13.9	14.4	2.6	4 . 8	194
	26- <b>0</b> 8	15.1	4.1		7.2	9.9	12.7	13.7		20.5	15.4	1.4	5 • 3	292
· <del></del>	·, -11	15.6	5.0		4.6	6.4	6.4	22.5		21.6	17.4	. 5		216
	12-14	18.8	4.8		6.8	11.9	8.5	15.7		19.1	13.3	1.0	4.9	29
	15-17	15.2	4.9		8.9	12.5	13.8	11.6		21.9	10.3	. 9	5.0	224
	1 20	16.3	4.5		6.9	9.7	9.7	16.7		24.7	11.1	. 3	5.1	281
	. 1-23	12.7	6.5		7.4	12.0	15.3	19.4		18.5	8.3	• 5	5.0	216
10	TALS	17.3	4.7		7.4	10.3	11.1	15.6		19.4	13.2	1.0	5.0	201

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SE PAL CLIMATOLOGY BRANCH SASETAC

A1 "EATHER SERVICE/MAC

**SKY COVER** 

STATION STATION NAME

75-84 PER 30

- J<u>nr</u> -- -

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUEN	CY OF TENT	HS OF TOTAL	SKY COVE	R			MEAN	*;:*A.
	{L.S.T.}	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY JOVER	Nt.3 (3F 3-F.
_انــــــــــــــــــــــــــــــــــــ	10-42	10.1	5.4		9.7	9.7	12.4	15.1		18.8	16.8	2.0	5.5	298
	13-05	5.1	4.2	.,	4.7	14.9	17.2	19.5		15.3	17.2	1.9	5.8	215
	20-08	4.3	1.7		6.0	11.6	15.2	21.2		19.2	19.9	1.0	6.1	302
	-11	2.4	2.8		3.3	8.5	8.1	20.3		28.9	23.6	2.0	6.7	246
	114	3.6	2.3		3.3	8.9	13.9	19.2		28.1	18.5	2.0	6.4	302
	15-17	5.2	2.4		4.8	7.2	11.6	19.3		27.3	20.9	1.2	6.4	249
	1 -20	2.0	2.0		4.0	8.6	11.3	19.6		27.9	23.3	1.3	6.7	301
	21-23	3.0	1.7		10.0	10.9	12.2	22.7		21.4	14.8	2.2	6.0	229
					-									
					<del>                                     </del>									
				-						<del> </del>				
101	TALS	4.6	2.8		5.7	13.0	12.7	19.6		23.4	19.4	1.7	6.2	2142

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SI SAL CLIMATOLOGY BRANCH AFETAC AT- WEATHER SERVICE/MAC

#### **SKY COVER**

1 410 JAKAR SENEGAL STATION NAME 75-84 AUG PER CO

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUEN	CY OF TENT	HS OF TOTAL	SKY COVE	R			N1 4%	** · * A .
	LST	0	1	_ 2	3	4	5	6	7	8	9	10	is fENTHLE E TREE TURB ■ ELOCETIES ER	14
<u> </u>	.0-0.	4.3	4.6		5.0	18.5	16.6	15.2	· <del></del>	12.6	17.9	5.3	5.8	303
	3-05	₹+1	3.1		8.8	11.5	15.0	20.4		21.7	12.4	4.0	6.0	220
	36-08	2.3	2.3		7.2	16.8	12.5	21.7		16.8	15.8	4.6	6 - 1	30
	11	• 5	.9		2.3	5.9	14.2	20.1		30.6	21.9	3.7	7.0	219
	13-14	1.	2.0		3.3	9.6	10.3	18.3		31.6	22.3	1.7	6 • 8	301
	15-17	1.7	2.5	_	5.4	12.1	10.0	15.8		29.2	21.7	1.7	6.6	240
	1 - 20	1.6	2.6	<u> </u>	3.6	6.6	11.1	18.0		23.9	30.2	2.3	6.9	305
	1-23	2 <b>.</b> a	2.8		9.3	11.2	15.3	19.1		17.7	20.0	1.9	6.1	21
· · •	•									-				
·	415		-	=							,			
	ALS	2 و 2	2.6		5.6	11.5	13.1	18.6	_	23.0	20.3	3.2	6.4	2112

USAFETAC FORM 104.64 0.9.5 (OL.A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SE BAL CLIMATOLOGY BRANCH ALE MEATHER SERVICE/MAC

**SKY COVER** 

STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUEN	CY OF TENTH	IS OF TOTAL	SKY COVE	R			MEAN - TENTHS OF	1014. NC .11
	(L S T.)	0	1	2	3	4	5	6	7	8	9	10	(R+ , 1/4ER	
	20-02	10.0	5.5		7.3	14.9	14.9	12.8		16.3	16.3	2 • 1	5.4	28
	3-05	6.7	6.2		7.9	12.9	14.6	21.9		14.0	14-0	1.7	5.4	17
	ე <b>∪−0</b> 8	3 - 1	5.2		13.5	18.8	9.4	14.2		15.6	15.6	4.5	5 - 6	28
	-,-11	3 - 3	2.9		3.3	8.4	14.2	15.9		21.3	27.2	3.3	6.6	23
	114	3.1	2.4		5.5	8.9	12.3	14.7		25.7	24.0	3.4	6.6	29
	15-17	4.1	1.6		5.3	11.1	12.3	17.3		23.5	22.2	2.5	6.4	24
•	1 5 - 2 °.	5.5	3.4		3.8	7.5	8.9	16.8		25.3	26.4	2.1	6.5	29
<del></del>	1-23	6.6	4.0		11.6	16.7	12.6	20.7		11.6	13.6	2.5	5.3	19
									<del></del>					
					<del> </del>									
101	TALS	5.3	3.9		7.3	12.4	12.4	16.8		19.2	19.9	2.8	<b>6.0</b>	201

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SERPAL CLIMATOLOGY BRANCH REPLACE AT FAT ER SERVICE/MAC

## **SKY COVER**

STATION EARAR SENEGAL STATION NAME OCT

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	т но⊒¥:				PERCENTAG	E FREQUEN	CY OF TENT	IS OF TOTAL	SKY COVE	R			MEAN TENTHS OF	1014. No. 04
MON:M				?	. 1	4	5	6	7	8	9	10	** T.+P	
	.aa-5	32.1	4.7		8.1	13.9	10.8	15.9		8.8	4.7	1.5	3.6	296
	ე <u>-ა</u> •	37.4	6.3		. 7.9	12.6	11.6	9.5		10.0	4.7		3.2	190
	ja <b>-</b> 54	21.2	5.6		12.6	13.9	12.3	11.6		10.3	7.0	. 7	3.8	302
	-11	1 •	4.6		8.3	15.1	7.3	15.6		19.3	13.3	• 9	5.0	218
	114	16.2	5.1		7.1	8.8	9.1	21.2		18.2	14.1	• 3	5 • 1	297
	1 -1,	15.0	3.0	_	73	8.6	7.8	17.2		26.7	12.9	. 4	5.4	232
ĺ	1 -2	15.4	3.4		5.7	11.1	9.1	11.4		23.5	18.8	1.7	5.5	298
ļ	1-23	21.	3 • <u>1</u>		15.4	18.5	8 • 6	16.0		9.9	5.6	1.9	4.1	162
	•				ļ	<b>.</b>	ļ 			ļ. <u>-</u>				
		· ·- ·	ı + +											
	N	<b>.</b>			 		 		·					
10	PTALS	22.	4.5		9.1	12.8	9.6	14.8		15.8	10.1	.9	4.5	1995

 $\frac{\text{FORM}}{\text{JUL 64}} = 0.9-5 \quad \text{(OL A)}$  PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

SE MAL CLIMATOLOGY CHANCH A ETAC SEATHER SERVICE/MC

SKY COVER

STATION STATION STATION NAME

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			······	PERCENTAG	E FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVE	R	<u> </u>		NEAN.	A CONTRACT
	{L S T	0	1	2	3	4	5	6	7	8	9	10	944 ; 44 • = •	
NO.	.o-o:	37.5	3.4		7.8	10.9	8.8	10-2		9.2	8.2	2.0	3.4	294
	05-05	46.3	1.6		13.2	11.1	6.8	11.1		5.3	4.2	• 5	2.7	190
	<b>∪-08</b>	42.2	5.4		11.9	9.2	7.5	7.8		8.8	6-1	1.0	3.0	294
	-11	23.5	5.1		9.8	9.8	7.0	15.8		16.3	15.8		4.8	215
	1.'-14	23.7	2.7		7.9	11.3	8.9	13.7		16.5	14.1	1.0	4.7	291
	15-17	20.6	3.9		6.3	11.4	6.1	9.2		18.4	29.2	1.8	5.1	228
	1 -2	14.5	4.1		5.8	7.9	7.5	13.7		20.5	19.5	1.4	5.3	292
· · · · · · · · · · · · · · · · · · ·	21-23	2 . 6	3.0		11.3	11.3	10.7	13.1		9.5	11.3	1.2	4.0	166
10	TALS	1 <u>.</u> د 2 د	3.7		9.5	13.4	7.9	11.8	<del></del>	13.1	12.4	1.1	4.1	1972

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SE PAL CLIMATOLOGY BRANCH SAFETAC A TO SENTHER SERVICE/MAC

**SKY COVER** 

STATION STATION STATION STATION NAME

75-84

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DEC

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	CY OF TENTH	S OF TOTAL	SKY COVE	R			nef∆ty Tfhytien , if	res _k
	(L.S.T.)	0	1	2	3	4	5	. 6	7	8	l ↓	10		±
D, C	0 02	24.9	2 • t		5.9	9.2	8.6	10.5		12.8	18.1	2.3	4 . 5	304
	3-05	32.9	2.9		6.5	7.6	10.6	12.4		8 • 2	17.1	1.9	4.2	17
	C - O E	36.0	3.0		5.0	13.0	6.0	12.7		10.7	11.0	2.7	3.9	300
	, - 1 1	15.5	2.1		7.3	8.6	6.0	9.4		22.7	26.6	1.7	5.8	232
	1 - 14	16.5	2.7		7.7	9.1	6.1	12.5		17.5	24.9	3.0	5.6	297
	15-17	13.	3.7		7.4	8.2	4.1	11.1		19.7	25.4	2.5	5 • 6	244
	1 -20	13.	1.6		5.9	5.2	5.9	11.8		20.0	33.8	2.0	6.2	309
	21-23	19.2	3.3		5.5	11.0	11.0	18.7		15.9	13.7	1.6	5.0	182
	-		_									·-··		· · · · · ·
10	TALS	22.1	2.7	<del></del>	6.4	9.0	7.3	12.4		15.9	21.3	2.2	5.1	2035

USAFETAC JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

JE TAL CLIMATOLOGY HANCH ATETAC A. LEATHER SERVICE/MAC

**SKY COVER** 

TIT TID TAKEN SENEGAL STATION NAME

ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUEN	CY OF TENTH	IS OF TOTAL	SKY COVE	R			WEAT,	
	(LST)	0	1	2	3	4	5	6	7	. 8	9	10		
41	ALL	33.7	ا <u>۲</u> د ـ		8.2	9.8	6.2	8.9		12.8	15.5	2.6	, <u>4.1</u> .	. 2033
Σ:	· <del></del>	45.~	3.0		6.1	8.2	5.1	8.2		12.9	10.5	• 3	3.3	1674
٠١.		47.1	3.1		5.5	8.5	5.7	9.2		11.0	9.3	7	3.2	2066
P	ļ 	5 . , 7	3.4		6.9	8.2	6-1	7.7		8.6	6.0	. 3	2.6	2013
		44.9	3.6		6.6	9.1	6.5	9.2		9.9	9.7	• 5	3.2 .	2156
JU".		17.3	4.7		7.4	10.3	11-1	15.6		19.4	13.2	1.0	5.0	2017
J /i		4.	2.8		5.7	10.0	12.7	19.6		23.4	19.4	1.7	6.2	2142
Ĺ,		2.2	2.6		5.6	11.5	13.1	18.6		23.0	20.3	3.2	6.4	2112
, ; P		- 3	3.9		7.3	12.4	12.4	16.8		19.2	19.9	2 • 9	6.0	2019
- <b>)</b>		22.	4.5		9.1	12.8	9.6	14.8		15.8	10.1	. 9	4.5	1995
N "		30 • 1	3.7		9.5	10.4	7.9	11.8		13.1	12.4	1.1	4.1	1972
οс		22.7	2.7		6.4	9.0	7.3	12.4		15.9	21.3	2.2	5.1	2035
101	ALS	27.4	3.5		6.9	10.0	8.6	12.7		15.4	14.0	1.4	4.5	24436

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

4

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

#### PSYCHROMETRIC SUMMARIES

PART 4

In this section are presented various summaries of dry and wet-bulb temperatures, dewpoints, and relative humidity. The order and manner of repsentations follows:

- 1. Cumulative percentage frequency of occurrence-Derived from available hourly observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths, of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
  - a. Daily HIGH temperatures (for available observations)
  - b. Daily LOW temperatures (for available observations)
  - c. Daily mean temperatures (high + low temperatures divided by two)
- 2. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

This cummary can been term ratily its intinued for the LISC W pending the about of  $PUS \times \pi$ , in Tillium.

3. Means and standard deviations—These tabulations are derived from available hearly observations and present the mean, standard deviation, and total number of observations for the 3-hour groups, by month and annual and again at the bottom for all hours combine. Summaries for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, AND DEMPORE TEMPERATURE.

4. Cumulative percentage frequency of occurrence of relative humidity—This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10 percent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.

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**RELATIVE HUMIDITY** 

STATION

STATION NAME

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	SE FREQUENCY	OF RELATIVE	HUMIDITY GE	REATER THAN			MEAN	TOTAL
MONTH	(LST)	10%	20°-	30%	40%	50%	60°₀	70%	80%	90%	RELATIVE	NO OF
•		• • • • • • • • • • • • • • • • • • • •	•	1.00.	7.	C + 1	• E.	71 ·	61.	1 • :	:•.	. 4
. —	<del> </del>	13 .	1	1 -		,7.0	₹5. <b>3</b>	(4	U1.	1 - • 5	• / •	· · · · · ·
		1 .	1	1-74.4	77.4	93.0	3 7 . 1	77.	71.	15.5	71	i
• -	-11	11000	7.	7 ° °	10.0	01.4	t 3 • 2'	43.4	15.5	• 4.	15.5	
•	1 -15	1 .	5.1		5 t . 7	C7.5	4/4	14.4	1.3	, 4	•	<del>                                     </del>
-	-1,	1 .	4 . 7	70.4	93.0	77.2	46.5	1:.	1 • /	• 1	5	: .
	-75	11.	177.0	1 .	09.	77.0	:4.3	57.1	14.	• •	171.	•
	F 1 27	1	170.0	120.	110.3	19.7	3 ~ . 4	07.1	•	7 - 1	•	•
	<b>+</b>											•
•	•											•
,	;	1										•
,	•		1									•
TO	TALS		4.7	93.0	25.7	35.0	77.5	٠,٠	12.7	• •	•	<del>- ,</del>

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0-87-5 (OL A)

CONTAIN SERVICERING

## RELATIVE HUMIDITY

JAA STREJAL

. 1

STATION NAME

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTAC	E FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50	60°	70°°	80°.	90	- RELATIVE HUMIDITY	NO OF OBS
	1-02	1"." • .	112.0	1	1		•	4 - 4 1	, , 4	7.5		4,
	-5%	•	1	†		1		•••	7 7	1		;
	1 - 1 -	1 2.1	1	1. •	07.		+:- <del>-</del>	• • •	10.0	•	1 * 5, •	<b>u</b> ~ (
	-11	130.0	1~	1 .	1-1-3	7.1	7	7.	7		7.,	i
	1 -11	111.5	1.0.0	71	27.4	-4.7	77	74.	3 - 7	•	,7 . L	·
	17	1 •2	1"-2	1000	:7	44.4	- 1 - 1	51.	1.	<u>;</u>	47.	,
	1 -20	176 • 2	1 :.5	137.2	11000	· ? • t	-7.0	7 .	4.	1.	74.	4:.
	1-25	17.00	150.5	100.	10	100.0	7 4 , 5	9.	.5.	1	.,7	2 . u
					-					-		L.—.—
						-			-			
	ļ !	<del> </del>	<del> </del>	<del> </del>		<u> </u>				<b>†</b>		<del></del>
<b>†</b> 01	TALS		1 7	17.	74.4	'- • <b>4</b>	13.5	75.	44.	11.	7	<b>₹</b> ე :

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#### **RELATIVE HUMIDITY**

A STORE

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	<del></del>		PERCENTAC	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90°-	RELATIVE HUMIDITY	NO OF OBS
	, - r	1	1 10 •	130.1	110.5	157.1	1:0.0	9.	' 5 · 1	1 .4		4 - 4
	- 1	1 .	170.0	101.	100.5	100.0	24.7	93.0	-A.		<b>□•</b> /	1 27 4
	-:	1.5% • 12	156.1	100.5	10.00	11	170.7	0 7	•	27.1	`t. • •	4.2
<del> </del>	-11	11	1. 10.11	103.	170.5	100.0	20.5	ਰਪ•~	43.5	3	7-1	417
	11.	1 .3	1 10 • u	100.1	106.0	66.5	St. • 7	D 0 • 5	1	1 .1	7+.1	4:
	: -1 i	150.0	170.0	100.	49.5	99.3	27.2	5 = 1	٤.	1 - 4	22.1	4
	:	2	100.0	100	100.0	100.0	74.5	93.1	3.700	1.	7	• .
	1-27	1. 4.3	192.0	190.1.	100.3	99.7	49.7	94.7	73	7	* : • •	7 .
			İ	<u> </u>	-	+					-	<u>+</u>
				-								1
,	÷		·	<del> </del>							<u> </u>	<del></del>
fo	TALS	1 .2	1 2.0	100.	100.0	20.5	99.1	# 7 . S	.4.	1 . 7	:•	, , ,

USAFETAC 0-87-5 (OL A)

SUPPLIES TO SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES SUPPLIES FAT . - SF - VIC _ / MAC

## RELATIVE HUMIDITY

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STATION STATION NAME

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	SE FREQUENC	Y OF RELATIVE	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90°-	- RELATIVE HUMIDITY	NO OF OBS
	J =0.	12	110.0	100.1	100.3	100.1	150.0	99.4	72.0	19	13.5	47
	<b>*</b>	1.4.2	1 30.0	1JC.	175.3	133.0	175.5	77.7	75.4	12.4	-4.1	4.7 5
	^	1 ".0	150.0	1.3 1.	193.7	170.7	100.0	96.0	?3	1: •4	25.	4:
	- 11	1.0.0	1 יט. 3	100.8	130.3	100.0	10	g € <u>•</u> €	32.0	7.7	76.1	4, ,
	1 -1.	1	100.0	160.0	170.0	1.0.0	27.5	55.7	10.1	3.0	73.	<del></del> ;
	1 -17	130.0	190.	1.00	100.3	100.0	77.4	44.3	7.7	1 -4	71	4.
	-2,	137.0	126.5	130.0	100.3	100.5	79.6	85.4	21.4	5-1	75. 4	<del>, , , , , , , , , , , , , , , , , , , </del>
	1-23	1 .7	1	153	190.3	190.0	100.0	97.1	57.0	., , 7	-1.	41-
					ļ						-	
+												
tot	ALS		1 '√ • ∪	1.00.0	170.0	1-7-7	ز ۽ ب	53.0	44.5	7.5	7	752

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## **RELATIVE HUMIDITY**

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STATION

TATION NAME

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L. S. T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS
J &	U-0.	1.7.0	1.00.	100.0	100.0	195.5	49.6	94.5	55.7	3.7	5	40.
	mi,	1.5.2	110.0	130.0	100.0	1::0.0	189.6	74.1	12.3	2.0°	51.0	4 4
		15 4.5	170.	1.50.	100.5	197.0	₹9.8	47.0	66.5	7.1	7.3	<del></del>
	-11	1 -1.5	100.0	100	130.3	100.8	49.3	e 2 • 1	10.5	1.5	75.5	44.
+ <del></del> ···	114	1	170.5	139.0	12:00	100.0	45.7	41.2	4.1	7.3	70	4
	1 -1/	137.0	1 0.0	140.5	100.0	100.0	74.5	32.7	3.	• ^{t,}	.9.1	44.
·	25	160.0	100.0	100.5	100.3	120.0	06.6	76.4	5.6	1.4	14.1	4 - 7
	1-23	1	100.0	130.	174.0	163.6	7€.7	91.1	43.4	2.05	7 - • •	44
L			-	-	-						ļ <del> </del>	•
· · · · · · · · · · · · · · · · · · ·			ļ —								<u> </u>	
· —			ļ	-	ļ					 		
<b></b>	<del></del>		1	****			-				<del></del>	
10	TALS	; •	100.0	130.1	100.0	150.0	98.4	75.9	3.7.5	4 • ∴	76 • 1	7715

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## **RELATIVE HUMIDITY**

TRANSFER GAL

75-64

STATION

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	SE FREQUENC	Y OF RELATIVE	E HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10°°	20%	30%	40%	50%	60%	70%	80°.	90°∘	RELATIVE	NO OF OBS.
`	U=112	107.0	1 '0.	I " • .	100.0	1.77.6	09.3	97.	75.7	5.3	-3.1	4 1)
	1-15	1:5.6	198.5	100.5	100.5	183.0	99.4	94.6	7:.0	11.7	-4.7	3 ( )
	::-	1.3.0	100.0	130.0	102.3	100.3	100.0	97.5	41.2	15.1	15.0	4 7 (
	11	123.0	1 6.5	150.	100.3	9.7	99.2	45.1	27.1	1.7	76	3 7 7
	1 -1-	105.0	130.5	120.0	100.0	99.5	*2.5	49	3 • •	•.7	71. •	44
<u></u>	1 17	1	100.5	1,00.1	99.7	05.6	95.5	46.6	1.4		£ 7. =	37
	20	1	170.0	150.0	156.0	59.8	96.3	52.3	1à+i	• -	75.3	
	1-23	1 5.0	11.0	107	100.3	100.0	39.4	71.5	61.9	. • 3	*1.5	je.
			<del> </del>			<del>                                     </del>						
10	TALS		1	155.3	170.3	99.6	35.1	n7.4	47.	4.4	7:.4	3 . 4

USAFETAC

STATION NAME

0-87-5 (OL A)

**RELATIVE HUMIDITY** 

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STATION NAME

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS
		1 .	1	1 34. •	10	1.0.0		97.0	r6.0		7	-
. — — -		1.00	1 3.7	107.	100.5	11.0.0	27.5	36.1	. 5.7	52.	-7.:	i, 7
		1. •	110.0	15%.	100.0	100.0	*5.0	يز ۽ دِ	96.00	34.4	27.9	4
=	-11	i	170.0	1-1-	100.5	79.5	→7 <b>.7</b>	09.6	35.0	1.0	77.7	4:
	1 -14	1500	15	130.	- J.S	79.5	62.4	50.1	1.		70	<b>ų</b> (
	, -1 i	1 •	1.5.	131.4	09.	A 2 . O	93.c.	57.3	4	.4	7:00	4
	, -2	1.3.0	1:2.1	1.30 • 1	100.0	97.5	95.0	9	77.0	2.3	75.01	4
	1-25	1.00.0	120.0	100	180.0	99.6	99.3	96.6	: 4 . 7	10.	- f	44
			<u> </u>	-	-					<del> </del>		
					<del>                                     </del>							
				<del> </del>	-							
101	ALS	1	100.0	100	100.0	-9.7	77.7	£ · •	13.4	14.5	•	277

USAFETAC 0-87-5 (OL A)

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## **RELATIVE HUMIDITY**

SEAS SELAL

STATION NAME

76- ,

154

STATION

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	!		PERCENTAC	SE FREQUENC	Y OF RELATIVE	HUMIDITY GE	REATER THAN			MEAN	TOTAL
MONTH	(L S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	→ RELATIVE HUMIDITY	NO OF
	' .	1 •-	1	100	150.0	1.70.0	3.4.6	57.2		47.º		٦,
	-5	1 27 - 5	100.5	100.0	170.3	1:7.3	1.5.7	96.7	42.7	4 .ا د	9	
·		1	17	138	100.u	100.0	77.6	92.9	97.09	21.6	7	4:1
- ·	-11	1 .:	1 0.0	130.	09.5	99.3	25.4	EF.	<u>_</u> 4.	1, . 7	₹, • ¿	41-
	i -1+	177.0	135.0	79.0	97.5	93.9	14.5	57.4	o • h	• .	£4.4	44.
	1 -1/	1 .	1 100	50.1	47.4	93.5	15.0	50.5	<b>∄ • →</b>	• /	4.44	<b>4</b> .
	<del></del> ;	1 • "	1-6-5	130.0	69.5	98.9	44.7	ë 5 • 7	47.1	7.5	75.	4 :
	1-23	15.5	105.5	1 :0.	100.5	99.11	99.3	74.4	23.4	37.4	5 ft • 4	+1
												-
				<u> </u>								
						<del>                                     </del>					-	
101	ALS	•	115.5	70	99.3	75.1	0.1 · .	.s.4 . 5	10.4		,1.	? <b>4</b> = ?

USAFETAC PORM 0-87-5 (OL A)

#### **RELATIVE HUMIDITY**

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIVE	HUMIDITY GI	REATER THAN			MEAN	TOTAL
MONTH	(L S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS
·,	0	1	1	130.0	100.0	99.8	96.0	92.1	77.0	2 7 <b>. 1</b>	5.	•
	-r. ·.	101.0	176.6	150.	100.3	1.00.0	49.8	98.1	20.7	3 t.	5.8.3	4-
	37	. i': • f.	130.6	100.0	100.0	69.5	75.4	91,.	٥ . د د	3: •2	47.L	.,
	-11	1 : . 5	9.5	99.0	95.5	76.9	9.00	-1.	44	1: -1	77.:	7.1
	1 -1 .	100.0	45.E	98.1	92.4	25.04	7. • 1	40.	7.1		55.4	4.
	1 -17	1.5.3	186.3	~8.4	21.7	03.5	71.7	43.	7.0		64.4	4 :
	1 -2	1	190.0	49.6	99.5	94.5	61.	77.	² 5 • 1	4.	7 4 . 1,	4 7
	1+23	120.0	170.0	100.1	100.3	59.3	95 <b>.</b> 5	87.t.	71.7	27.5	37.	-
			ļ	<del> </del>	-					 		
		·										
			† <del>-</del> -	<b>†</b>					-			<del>-</del>
101	rals	7.0	1 /0 • 1	٠٠,	,7.7	95.3	A 7 • 1	77.0	52.0	i 1 . 1	7 2	257

USAFETAC 0-87-5 (OL A)

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#### **RELATIVE HUMIDITY**

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STATION AT CHON NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTAC	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(i. S.T.)	10%	20%	30%	40%	50%	60%	70°•	80°-	90"-	RELATIVE HUMIDITY	NO OF OBS
r	: =r.	1 (+1)	1 2.5	19.1	99.5	99.5	39.	15.3	74.1		. 4	
	; <b>-</b> C .	1.00	1	107.2	130.3	79.7	79.7	96.5	77.7	٠. ٢٠٠		•
	-^.	133.0	110.2	3.05	99.5	99.3	95.	7.7.7	71	31.7	- C, • •	4
	-11	• 5	73.7	77.	93.5	~ <b>4</b> • <b>4</b>	7: . 1	67.1	27.7	7	71.7	<u>-</u>
	1, -14	· • 7	70.4	93.2	F u • T	66.3	54	24.4	4	• •	-7	4
	1/	30.8	36.5	95.7	81.0	54.9	45		3.1	-	7	4
	:	13	1 '0	100.	96.5	43.5	75.5	52.1	. •	•		٠
	1-23	1 .0	11000	190.1	100.0	99.7	96.8	55.	1	11.1		
	; •											· •
												<del></del>
	<del> </del>	<b>†</b>		<u> </u>								
101	TALS	•	27.4	25.3	04	. 3 • 1	-1.	t. é	42.7	1 : •	74.	14

USAFETAC FORM 0-87-5 (OL A)

AL SELMANDER COMMON 1. March 186 - 187 17 188

#### **RELATIVE HUMIDITY**

75-65

STATION

STATION NAME

PERIOD

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

нтиом	HOURS	,		PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTA
MONTH	(L S T.)	10%	20%	30%	40%	50%	60%	70%	80%	90°•	RELATIVE HUMIDITY	NO C
	-:.	1	1.	100.0	79.4	44.1	(/ L • o	89.°	t1.	1 .	1.	. 4
·· <del>···</del>		1 . 1.7	170.0	49.7	99.5	44.0	34.6	32.7	57.	_4.1	-1.	<del></del>
	: -0	1.70.	1	79.3	76.4	21.4	83.3	65.	- J • J	21	77.1	
	-11	1.2.5	· 'e • i	92.7	93.2	72.1	6.6.5	47.7	25.4	F . 5	· 3 • '	3
	114	1	٤ . 4 . 4	92.7	79.,	50.7	31.6	27.7	3.7	• 73	1.4.	4
	, -17	100.7	115 . 61	96.)	h9.7	64.0	3 - 4	18.4	2.7		56.0	4
	?	1.0.0	1 16.0	99.4	24.5	95.3	77.8	42.7	16.7	1.1	59.4	4
	1-2:	1	100.0	99.7	99.1	49.7	∪£.b	82.	47.0	1 /	74.7	<i></i>
	· — —·				-		-					
		·										
<b></b>												
101	ALS		0.07	77.4	93.4	94.h	72.5	55.	.3 • 4	1 .7	7	7 4

USAFETAC PORM 0-87-5 (OL A)

A CELMATOLOGY HANCH LITTO A EATHER SERVICE MAC

## MEANS AND STANDARD DEVIATIO

DER-POINT TEMPERATURES DEG F FROM HOUSELY DASCHVATIONS

1 17		Sr.	J'i				75-2	5							
STATION		<del>-</del>	STA	TION NAME		<del></del>	YEARS								
HR5 (L 5 L)		JAN	FEB	MAR	APR.	MAY	JUN.	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNI	
	MEAN		67.4	62.8	64.0	66.4	71.5	73.0	74.8	76.0	7 > • 1	7:00	54.4	6	
5 2	S D	3.95€	2.855	378	2.556	2.695	2.621	2.288	2.320	2.032	2.532	3.725	4.961	0.	
	TOTAL OBS	4/3	464	483	47',	573	438	492	478	464	485	460	455	5	
	MEAN		60°8	2.3	64.0	65.8	71.0	72.3	74.0	75.1	74.1	64.1	52.	- 6	
	S D	4 . 3 3 4	2.426						2.173			_	1 1	٠. ا	
•	TOTAL OBS	35	389		397	I	351	424		I			37.	4	
		<u> </u>		767		4 3 3		727	720	-3/4			377.	<del>                                     </del>	
	MEAN	5,7	59.	61.7	64.0	65.5	70.7	72.3	74.0	74.5	73.7	67.2	59.5	-	
0.5	S D	0.6.7	3.678	2.966	2.321	2.694	2.490	2.133	2.043	1.966	3.307	6.529	7.937	7.	
	TOTAL OBS	45	457	475	461	491	436	496	488	461	406	4:7	475	-	
	MEAN						<del></del>		3 3					<b>!</b>	
		5.3	58.0	1		I		1		I	I			, 6	
-, 1	TOTAL OBS	154	7.193					2.221				6 - 513	II	8.	
	TOTAL OBS	3 c	348	415	415	431	377	442	406	417	415	403	41:	4	
	MEAN	r 3.	56.5	64.7	63.7	65.4	73.9	72.7	74.4	75.5	73.1	54.4	55 · b	5	
11	SD	7.5 1	7.549	4.987	5.291		2.713	2.204	2.237	2.487	4.273	7.237	7.795	ੋ ਰ •	
	TOTAL OBS	4 0	454	462	445	493	448	436	473	459	498	465	466	5	
	MEAN					-								ļ	
	S. D.	5 .5	57.8										58.5	,6	
1	TOTAL OBS	3.457				3.014		2.017		2.338	I	1	į.	7.	
	TOTAL OBS	+14	419	431	429	45,	378	44C	424	427	437	399	439	2	
	MEAN	5.2.2	59.8	61.8	64.3	65.8	71.0	72.6	74.3	75.3	73.F	60.5	52.1	5	
- 2	S.D	4. 12	4.017	3.756	2.825	2.791		2.022		1.922	2.884	3.012	4.453	6.	
	TOTAL OBS	47	459	477	450	492	423	487	479	463	489	452	495	<u> </u>	
	MEAN									7.	3			ļ	
		J•.	50.0							1	l	1		6	
1-23	TOTAL OBS	3.576	2.97	3.351		2.545	2.560 394	2 • 235 448					3.756 375	6.	
	3 300	ے د	- 17	3	41.3	74)	394		413	273		٧٥٠ -	3/5	- 4	
Ail	MEAN	67.5	59.3	61.5	64.1	65.3	71.0	72.6	74.3	75.3	73.9	67.6	ან.3	5	
HOURS	5 D	6.43	5.221	3.675	2.783	2.795	2.542	2.222	2.175	2.159	3.39%	6.346	7.259	7.	
	TOTAL OBS	344	3419	357 /	3467	37 36	3245	3715	3589	3450	3606	3382	3529	42	

USAF ETAC FORM 0-89-5 (OL A)

... .AL CLIMATCLOGY RANCH CLIAC ACCEPTORS SERVICE/MAC

## **MEANS AND STANDARD DEVIATIO**

THE THRULD TEMPERATURES DEG F FACY HOUPEY APPENDED INC.

STATION AKAH SENERAL 75-85

STATION			STA	TION NAME			-			YEARS			_		
HRS ILST		JAN	FEB.	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	AN	
-	MEAN	3	63.2	64.5	66	67.8	73.2	75.0	76.4	77.2	76.5	72.4	55.7		
2	S D	2.67.				2.557	2.216	1.747	1.817		5 9ن و 2	2.906	3.519	5	
	TOTAL OBS	4 5	464	483	4.70		430		478	464	495	46	465		
,															
	MEAN	- 1 -	52.5	63.7											
	5 D	2.75 -		2 - 365			2.101				2.256		4.113	5	
	TOTAL OBS	3 %	539	424	377	4 36	351	424	426	374	399	352	376		
· ·	MEAN	. 4	61.0	63.2	55.	66.8	12.3	74.1	755	76.1	75.3	7 i D	63.5		
	S D	3.67									2.530			t	
, ,	TOTAL OBS	4 (	457	475	401	1	436	1	488	461	496	457	!		
				-											
	MEAN	¦ • ÷					73.6					75.3			
-11	S D	t					ı		i		I		5.141	b	
	TOTAL OBS	3 5	3 4 8	415	418	431	377	442	406	417	413	4.33	415		
	MEAN	2.	63.8	65.7	67.6	69.3	74.3	75.9	77.3	78.1	76.8	79	F4.2		
11	5 D												4.309	t	
• • • •	TOTAL OBS	4 c	454	462	446	493	448		J.			465	1		
	MEAN	3-1	64.7			69.2		76.0		76.2	76.9	72.0			
1.5	S D	2.943	2.9.6	2.642	2.567	2.577	2.015		1.064	1.515	2.628		I II	5	
	TOTAL OBS	414	419	431	429	453	378	440	424	427	437	399	439		
	MEAN	3.4	64.1	45.3		60.7	73.7	76 0	74 7	77 1	76.3	72.0	56.4		
-2	S D	2.698											3.176	5	
-	TOTAL OBS	47	459									452			
			737	711	7 70	7/2	723	701	7	- 107	7.	1,75	7.0		
	MEAN	52.	63.3	64.3	65.7	67.8	73.1	74.6	76.1	76.9	76.1	72.1	66.5		
1-23	S D	2.423	2.159	2.527	2.036	2.439	2.180	1.726	1.654	1.689	2.065	2.689	2.927	5	
	TOTAL OBS	3 2	379	403	410	443	394	448	415	393	394	364	378		
	MEAN	ļ		* * * *	,,,,	4 6 7	77 "	75 1	76 "	77 >	7, 7	71 7	65.1		
ALL	S D	2.2				2 634	2 2 2 2 2	, '3•1	1 403	1 604	76.2	7 1 2 2	4.16:		
HOURS	TOTAL OBS		_					I	1					6 4	
	JOINE OBS	344	3419	35/0	3457	3736	3245	<u> </u>	7298	3458			35,29	4	

USAF ETAC FORM 0-89-5 (OL A)

AL "LIM TOLOS" HANCH < 140 CAT ER SERVICE MAG

#### MEANS AND STANDARD DEVIATION

PRY-PULE TEMPERATURES DES F FRUM HOURLY SISERVATIONS

YEARS

STATION A-A- SE JEDAL

STATION NAME

75-85

4 The

HRS ILST FEB. MAY JUN. JUL. AUG. 79.4 75.7 67.2 68.2 73.4 76.8 80.2 50.4 79.7 7t . 1 SD 2.743 2.594 2.563 2.430 2.909 2.461 1.733 1.713 1.811 2.101 2 - - 12 3.546 TOTAL OBS <u>50</u>1 439 485 4 5 7 494 472 492 479 464 465 41. 461 MEAN 67.1 69.5 65. 70.4 S D 2.233 2.157 2.545 2.226 2.911 2.432 1.314 1.876 2. 39 2.529 3.421 2 . 64 -374 389 427 4_0.0 440 353 428 431 MEAN 75.6 64. 64 - 3 65.5 66.9 75.4 78.1 2.925 2.451 2.189 2.549 2.60 2.350 2.193 2.792 1.370 1.873 3 - 014 3.534 t., TOTAL OBS 457 475 402 49] 438 490 488 497 457 475 461 42.5 6 . . ! 65.7 69.4 71.0 73.0 79.3 81.0 51.6 82.1 72.0 72.1 -.1 S D 3.350 4.273 3.470 2.746 2.970 2.754 2.055 1.976 2.691 2.797 3.271 3.896 TOTAL OBS 434 37¢ 447 413 423 417 423 414 MEAN 51.6 73.7 75.9 + 3 . 4 64.1 95.4 5 D 5.704 2.944 2.544 2.297 2.895 2.736 4 - 131 3.178 2.420 493 489 464 444 443 456 475 461 47: MEAN 75.5 74.2 74.9 35.3 52.7 76.9 S D 2.550 4.796 2.344 - i 4 . 6 9 6 4.188 3.521 3.124 2.102 2.420 2.564 3.415 4.400 5. TOTAL OBS 44] 41 419 432 43 452 379 445 426 429 44 'D • J 70.7 70.7 71.4 72.9 79.5 81.5 92.7 7 . . 9 73.3 82.2 92.1 5 D 3.181 2.986 3.517 3.573 3.998 2.364 1.486 1.924 2.323 2.170 3.209 3.605 TOTAL OBS 478 493 425 491 479 463 489 4 - 1 47 40 459 67.3 67.6 70.0 77.2 79.7 68.4 5 D 2.500 1.988 2.721 2.763 3.215 2.513 5.025 1.798 1.673 1.858 3.30 6. TOTAL OBS 397 45 399 445 416 267 MEAN 69.0 33.7 81.0 78.2 ALL S D 4 . / 34 5 . 381 4 - 5 3 9 4.065 3. : 59 3.430 2.616 2.000 3.163 3.577 4 - 336 4.736 6. HOURS 3594 375j 3257 3735 3604 3471

USAF ETAC FORM 0-89-5 (OL A)

The Heaville Control

#### **RELATIVE HUMIDIT**

F S ME

75- 11

STATION

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	1	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN												
		10%	20%	30%	40%	50%	60%	70%	80°c	90°-	RELATIVE HUMIDITY	, ol			
	• • • • • • • • • • • • • • • • • • • •	•	1	15".	1.9.2	57.1	-1	33.7	63.3	10.2					
		1 .	1	15.7	97.9	74.2 4. 4	****	71.	1.	.1.	77.	•			
		· i	1	# • ·	05.5	34.1	75.4	47.1	-3.4	1	7.				
,	- 1 .	1 .		74.	44.4	54.1	47.5	31.7	10.5	7.					
ber .	1 -1	. 1	+7.€	71.	77.1	46.	27.4	12.5	1.	· · · · · · · · · · · · · · · · · · ·	11.1	!			
	-17	1		77.7	37	6.7.	27.0	11.7	1.4		4.4	!			
	- ,	1 -5	152.0		09.	97.8	71 • .	44.0	14.	<del> </del>		<del></del>			
<b>.</b>	1 - 3-3	<u>+ 1</u>	17.00	170.	79.7	77.9	76.3	5.3.4	4 c • 1	1.0	7. • 1	<del> </del>			
•		-													
r ————————————————————————————————————	<u>-</u> 														
1															
ţ01	ALS		U.+	7.	-2.7	· . •	116.00	·, ·	• 1	•	1				

USAFETAC FORM 0-87-5 (OL A)

**RELATIVE HUMIDIT** 

 $(\Delta_{i,j})_{i\neq j} = (i-j)_{i\neq j}$ STATION ---STATION NAME

11

216 MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN												
MONTH	(L S T )	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	NO OI			
	:	•		97.	73.4	.4.0	7 9	5	130.	1 . 7	7				
		+ <del>-</del>	49.4	9 4 . 1	94.€	-5.1	*1 • J	05.0	47.7	1:0	74.				
		•	1	4.5.	97.7	95,	2 C . C	77.1	112.6	15.1	7	1			
		1	170.0	.9.8	99.3	© 7 • 1	95.00	54.5	17.4		-1.	3			
···		• • •	1	100.0	100.0	-9.1	77.7	7 8%. 3.4 14.	14.5	• • 5	<del>  ,</del>				
	- <del></del>	1.5.5	110.0	100.0	178.3	99.4	9ۥ1	74 E . w	42.7	4.4	7-,4	+			
~		. • 11	113.0	156.	103.5	100.0	÷∷.4	75.0	22.,	•.	7.	7			
		1		150.0	100.0	136.0	77.3	5 ₹ • J	44.5	7.	79	7			
		1	120.0	130.0	170.3	99.8	99.1	A7.5	1,4 a.s	1 . 7		<del></del>			
		1	130.4	135.	19.4	98.4	95.5	7°••	44	1:.	7	1 1			
-		1 •	* 7.1	75.6	95.7	89.5	77.7	5 * • 5	32.1	. 7	7.0	7			
		i .	G • C	97.€	92.7	17.	50.6	53.	33.1		53				
101	ALS	1	<b>—</b>	99.1	97.7	94.4	37.1	73.1	~ 5 <b>.</b> 5	11.4	75.65	4.7			

USAFETAC PORM 101 64 0-87-5 (OL A)

OPERATING LOCATION "A" USAFETAC, ASHEVILLE NC

#### PART 5 "

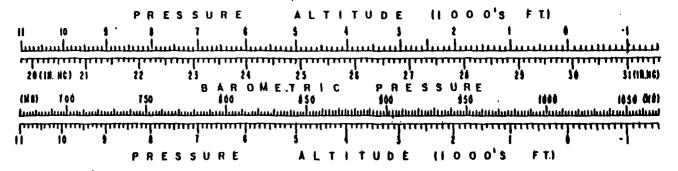
#### PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponds to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the over period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945. Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65. METAR stations do not report Sea-level pressure.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inchés of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonia Meteorological Tables.



ACCAMPANA YOOLOTAMILD DAY DETECTION OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COMPANY OF A COM

## **MEANS AND STANDARD DEVIATIOI**

STATION PRESSURE IN INCHES HS FROM HOUPLY COSEPVATE AS

75, -85, STATION STATION NAME YEARS

RS (LST.)	I	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNU
	MEAN	27. 34	2 7 75	29.182	29.767	29.765	29.839	29.614	29.815	29.799	29.786	29.5 7	29.835	29.0
"	S. D	4	.038	.039	35	• 0.3 %	.053	.044	•042	.042	.040	. 53£	-346	
	TOTAL OBS	<u> </u>	94	3.7	36	103	72	102	89	84	96	4.0	93	1
	ļ		ļ									ļ	_	
	MEAN	2 •809									_		29.827	26.1
	\$. D.	• 4	•033	43	•034	•033	-049	• 345	.041	• C4 3	.034	- ⊭35	•S47	• :
	TOTAL OBS	ļ	75	91	<u>- 7</u>	99	<b>7</b> 5	94	40	<u> </u>	92	9.2	8.9	1_5
	MEAN	2 . 7% 7	29.755	79.745	29.729	29.732	29.775	29.77:	29.770	29.754	29.746	29.768	29.800	29.7
	S D	4 7			• u 34	_		.036			1"	1		•
	TOTAL OBS	<u> </u>	9	ره				1.2					1 1	. 1.
	MEAN	2 577	705	20 790	20 77	20. 760	20.707	20 707	20 302	20.701	20 705	ء ت 10 - ت	29.843	23.7
	S D	2 . 5 . 7		I		•037			.040					. 7 . 1
	TOTAL OBS	• •	93				73							1.
		2 - 543	29.614	29.6 3	29.743	29.775	29.812	29.806	29.817	29.604	29.791	29.012	. 4.839	27.0
1	S.D.	• 0	.04K	-046	.339	. 343	.058	.043	. 343	. 347	45	• . 37	• ^ 5 3	• •
	TOTAL OBS	1	. 54	77	<u> 5</u> 6	92	79	9:	8.8	61	. 93	<u> </u>		1.
	MEAN	7 77 1	7116	29 774	20 7/5	20 777	20 775	20 774	0 760	20 751	20 777	20 700	24.760	29.1
	\$ D	• · · · · · · · · · · · · · · · · · · ·											1 11	• •
	TOTAL OBS	• • •	96			192	73		-			1		1 U
		· · · · ·	,,,	,,	0,1	102			· · · · ·		130			
	MEAN	2 76	29.731	29.719	29.7.9	29.776	29.747	29.750	29.748	29.735	29.726	29.741	24.767	29.7
	5. D	.0 -1	.337	.045	•334	.035	•053	.042	.340	.642	.041	• 735	.041	• 1
	TOTAL OBS	1	8 %	#5	10	99			8 3	8.5	04	∈ 8	ن ج	1.
	MEAN	2 2 7	2 7/ 7	76.3	20 705	20 277	20.	20. 70.	70 770	20.746	20 7//	20 700	29.813	29.7
1	S D	344	Γ					.046					- 11	
1	TOTAL OBS		46		89		75		1	_				1
ALL	MEAN	25.8 5	24.771	29.757	29.746	29.743	29.785	29.784	29.785	29.770	29.761	29.780	39.808	?9.7
HOURS	5 D	• 3					•057		-547				l IS	• .
	TOTAL OBS	6-7	729	686	687	777	585	791	714	699	767	57 <b>7</b>	732	0.5

USAF ETAC FORM 0-89-5 (OL A)

JE TAL CLIMATOLOGY TRANSH LIAC A. EATHER SERVICE MAC

## **MEANS AND STANDARD DEVIATION**

DEA LEVEL PRESSURE IN MBS FROM HOURLY DESCRIPTIONS

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	MEAN	131.0	1017 3	1012 6	1012.2	1012.7	1013.0	1013.6	1 :13 4	1013.0	1012.7	1017.1	1 - 1 3 - 4	1313
_	S D	1.06											1.452	1.5
	TOTAL OBS	3	276										i l	3.5
			7.0		<del></del>									- <del></del>
	MEAN	1013-4	1012.2	1011.5	1010.9	1011.3	1:12.7	1012-4	1.12.0	1511-7	101 -6	1012.5	1013.0	1312
ŀ	S D	1.6					-	-		_		1	1.289	1.5
ļ	TOTAL OBS	, ,			141		190		_	177		1	1	_ 23
			101											
	MEAN	1012-	1012.0	1011.2	1010-9	1 11-4	1012.5	16.12.2	1012-0	1011.6	1011-4	10114	1112.7	1511
]	5 D												1.495	1.0
	TOTAL OBS	2 5			266			ľ	702		,	I		35
										-				
	MEAN	1014.4	1013.3	1012.7	1012.2	1 12.5	1 113.6	1013.1	1013.3	1012.9	1512.8	1.13.2	114.1	1013
1	S D					1.472			i I		1	,		1.6
Ì	TOTAL OBS	21		-		241			_		1		1	76
												·		
	MEAN	1014.	1013.9	1013.2	1.12.H	1:13-2	1 1 3 . 9	1013.6	1013.4	1313.4	1.113.1	1013.3	1514.3	1013
1	S D												1.569	
-	TOTAL OBS	2 5				رن 3	ľ					l .	296	3.5
	MEAN	1012.2	1011.6	1.11.2	1310.8	1011.5	1512.6	1012.4	1512.0	1311.6	1311.1	1011.2	1011.4	1011
	S D				F						L	1	1.510	1.5
ļ	TOTAL OBS	23	216			245			236		231			27
	MEAN	1011.	1.11.1	1010.3	1010.0	1210.7	1011.8	1011.5	1011.3	1511.0	1310.7	1311.8	1011.7	1311
1	S D												1.54 =	1.5
	TOTAL OBS		1 1										7.24	3.5
	MEAN	1 1 . 4	1 :12.2	1 .11 . 7	1011.1	1: 11-7	1012.9	1012.7	1617.2	1017.1	1012.0	101, 5	1013.2	1012
; [	S D												1.482	1.6
,	TOTAL OBS					221	_	_	-					22
			1											
	MEAN	1 1 2 . 3	1.12.5	1:11.8	1311.4	1. 11.	131367	1012.7	1012.4	1012	13116	1317.2	1013.1	1012
ALL	S D	1.1											1.754	
HOURS														

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